VII

195 **File No.** 6250/36

P. W. DEPARTMENT

A CLASS J BRANCH

Subject:— NEERSAGAR WATER SUPPLY.

Scheme for Hubli

and Dharwar.

A [K] 5

File No. 6250/36 VII JB

Ltd. Sectt. Slip. 21 A—

G. R., G.-D., No. 2408, dated 22-6-22.]

DOCKET SHEET

Subject:— Neersagar water supply scheme. Complaint re the-

File No. S.92/625/36
4077

P. W. **DEPT.**

M. **BRANCH.**

References:—

Date.	To whom sent.	Notes and instructions.

૨૬:૧૨:૨૪

પ્રતિ,
ડિરેક્ટર સાહેબ,

વિષય:- ધારવારમાં નોકરીમાં બાંધ
બાંધવા બાબત

આપણા રાજ્યના વિકાસ કે માં બાંધ માટે આપણા અધિકારીઓ
રૂ. ૧૫ મારે કુશળ ખાણી કોન્ટ્રાક્ટ આપેલા નથી લોકો છે.

આ બાબત ઘણો મોટો કૌભાંડો આપણી નજરમાં
પુરી થઈ છે. અને ઘણા રાજ્યમાં કૌભાંડો ૧૫ ટકા
આપવા પડે છે.

જે કૌભાંડોરાજ્યે આ ઘણો ભ્રષ્ટાચાર ગણેલા ગોવા ખાતે
ઘણાંખરો આ બાબત બાબે આપે, મનમાં આપવા,
છે કે આ બાંધમાં ૧૫ ટકા કોન્ટ્રાક્ટ કિરીનર
અને આમ ગણેલા વિકૃત કરી.

આવો મત ગામમાં અધિકાર કૌભાંડોરાજ્યો છે:
તો આ કોઈ કૌભાંડોરાજ્યો સોંપાય ન આપણ
કુમત ધરાવતા કોઈ કૌભાંડોરાજ્યો ઘણાંખરો
બોગાણી રાખવા તત્ત્વ કરીને તો આપણા
તાપને અને ઘણી, સ્વીકારે દાણા સોંપાય
અને આ કાર્યક્રમો અને ફાવતા કરોડો ઘણાંનું
પરિણામ કરી. ન બોગાણો ઘણો ભ્રષ્ટાચાર નો
ધારવા આપણા ઘણાંખરો ઘણો છે.

ભવદીય

ગજાનન

"Private"

૨૪:૧૧:૨૪.

પ્રિયતમ ડોક્ટર સાહેબ,

વિષય:- ઇમરજન્સી મેડિકલ સેવા
બાબત વિનંતી

આપના ધ્યાનમાં લાવવાનું કે આ વિસ્તારમાં અમારા આવાસમાં
કે.પી. પાસે કુલ્લે વસતી કોલોનીના રહેવાસીઓ નીચે પ્રમાણે છે:

આ વિસ્તાર ઉદ્યોગો હોવાથી કોલોનીમાં આવેલા કંપનીમાં
મુજબ થવા જાય છે. આવે વખતે રાત્રિમાં કોલોનીમાં કે પણ
અમારા ન રહે.

જે કોલોનીવાસીઓને આ કોલોનીમાં આવેલા દવાખાનામાં
કોઈ ખાસ ડોક્ટર સાહેબ નથી, માત્ર આવતા
છે કે આવા દવાખાનામાં ડોક્ટર ઉપલબ્ધ
આપને આપના ધ્યાનમાં લેવા વિનંતી છે.

આવતા માસ રાત્રિમાં ઉદ્યોગમાં કોલોનીવાસીઓ છે.

જો આવા કોઈ કોલોનીવાસીઓ રોગગ્રસ્ત કે અકસ્માત
કોલોનીવાસીઓ ને આવા દવાખાનામાં ડોક્ટર સાહેબ
ઉપલબ્ધ ન હોવાથી તેમને ખાનગી દવાખાનામાં જવું પડે છે.
આવતા આપના ધ્યાનમાં લાવવા વિનંતી છે.

આપનો વિશ્વાસુ

ડો. [illegible]
[illegible]

૨૬/૧૨
૨૦૨૪

14B 27/12

28/11

6358/36

87970

6250/36 / 87970.

M.B. D.W.S.

Submitted with ref. to the ~~D.M.'s~~ minute at p. 3 ante.

2. The draft at p. 6 put up may issue, if approved.

31-1-50

31/1/50.

6250/36/87970.

Below an anonymous letter dt. the 28-11-49 addressed to the Honourable Minister, Public Works Deptt., re. Construction of a dam in respect of Neersagar water supply scheme.

Immediate

No. 6250/36-M.

P. W. D.,
B. C. (Bombay No. 2),
4th Jan. 1950.

Forwarded to the S. E. to Govt. for report.

By order etc.

Issued answered 5/1/50

me
4-50.

3-1-50

V.U

Ans 7-1-50

Please return this memorandum.

IMMEDIATE.

No. 6250/36-M.
Public Works Department,
Bombay Castle (Bombay No.1),
4th January 1950.

Subject:-Construction of a dam in respect of Neersavar water supply scheme.

Forwarded to the Punlic Health Engineer to Government for report.

By order of the Governor of Bombay,

sd/ K. D. Kothwal.

Under Secretary to the Government of Bombay, Public Works Department.

D.A.-Annonymous letter, dated the 25-11-49, addressed to the Honourable Minister, Public Works Department.

BKR.4/1/50.

B.4/1/50

Below Government memorandum, Public Works Department No. 6250/36-M, dated the 4th January 1950, forwarding an anonymous letter dated the 25th November 1949, regarding "Construction of a dam in respect of Neersagar Water Supply Scheme, addressed to the Honourable the Minister, Public Works Department.

No. 484 of 1950,

Poona 1, 14th January 1950.

Returned with compliments, to the Secretary to Government, Public Works Department, Bombay.

2. The complaint made in the anonymous letter, is meaningless and requires very little consideration. However, as it has been sent to me for report, I give below the short history of the scheme.

3. The town of Dharwar and Hubli were suffering from constant water scarcity and it was essential that a suitable water supply scheme within the scope of the people should be worked out. This site was selected after full investigation. The same has been inspected by the Geologist of Government of India and the site has been pronounced quite suitable. The scheme has been thoroughly scrutinised and voted by Government. Successive Chief Engineers of Government and Superintending Engineers have also inspected the site and none of these officers have any doubt about the success of the scheme. All our investigations have shown that this is the only suitable site for water supply scheme which will be within the reasonable means of the people of this area. The fear expressed is, therefore, groundless.

D.A. Two.
DWK/13-1-50.

Public Health Engineer
to Government.

P. W. D.
6250/31
Serial No. 4077

6250/36/4077

M.B. P.W.D.

Submitted with ref. to the H.M. P.W.D.s minute dt. the ~~20-1-50.~~ 2.12.49 ✓ 2

2. In an anonymous letter dt. the 25-11-49, one citizen states that the tenders for the Neersagar Dam have been invited by Govt. and the work will shortly be given to ~~the~~ contractors for execution. He points out that the engineers of these contractors, who have submitted them tenders for the work refd. to above ~~inspected~~ the site of the Dam and are of opinion that sufficient water will not be collected at the proposed site. He therefore requests that before giving the work on contract, the engineers of all the contractors should be invited and the matter should be reconsidered.

3. The P.H.E. in this conection states that the present site selected for the Earthen Dam of the Neersagar Water Supply Scheme has been selected after full investigation. The Geologist of Govt. of India has inspected the site of the Dam and has pronounced it as a suitable site. so also successive chief engineers and superintending Engineers of this Govt. who had inspected the site have no doubt about the success of the scheme. In these circumstances the P.H.E. states that the complaint made in the letter is meaningless and requires very little consideration.

4. It is also stated in this connection that the tenders for the Earthen Dam and its allied works in con. with the Neersagar Water Supply Scheme have already been accepted by Govt. and the work will start soon. In view of this and under the circumstances explained by the P.H.E. no further action appears to be necessary on these papers. As the letter is ~~also~~ an anonymous one, no reply can also be given thereto.

5. It is not clear how merely from an eye inspection

SRA
11-2-50

of the site for the proposed dam, the engineers of the Contractors declare that the site will not impound requisite storage. The P.H.E. has carried out detailed investigations in this connection, by gauging the discharges of the Bedti Nala, recording rainfall figures by special raingauge stations, survey of catchment area (69 Sq. miles) and so on. Recently this point was again looked into when Shri N.S. Joshi Retd. S.E. P.W.D. had expressed the same fear. After detailed study, however it was revealed that there may be no such apprehension and the towns of Dharwar and Hubli will get adequate water even in bad years, as a carry over of 20 months will be provided.

2.50

The storage question had been gone into very thoroughly at the time of sanction to the Project & it was found that the fixation of the storage was quite on the safe side - ~~and that~~ There is no reason to take any pessimistic view in this matter

13/2/50

NG
15/2/50

The site possibly suffers from the fact that there is little or no prospect of increasing the storage — the catchment being limited — for meeting future demands.

As for the contractor (Precision

13 -6250/36
4077

c) the P.H.E told me two days ago that the contractor has backed out and now the P.H.E. is going to press the contractor to commence work — under pain of forfeiture of deposit.

I would like to know the result of P.H.E's efforts

16/2

2.2.50

To HM
16/2
HM & HE & me

2-2

I had contacted the proprietor of Messrs Precision Company on return back to Bombay on 17.2, when he informed me that he was proceeding to Nasik to get some information about the use of machines & what type to go in for. He has promised to communicate his final decision this week.

WL
23.2.50

I contacted him again on 23rd afternoon, when he promised to communicate his final decision on Monday the 27th positively

WL
25.2.50.

Immediate.
No.6250/36-M.

Public Works Department,
Bombay Castle(Bombay No.1,
4th January 1950.

From

The Under Secretary to the Government of Bombay,
Public Works Department.

To

Messrs. Precision Construction Company,
Civil and Constructional Engineers,
Round Temple,
Bombay 4.

Subject:- Tender for the construction of the Dam and other allied works in connecti with Neersagar Water Supply Scheme.

Dear Sirs,

In connection with the tender submitted by y for the work mentioned above, I am directed to request y kindly to send your representative to this office on Thursday the 5th January 1950 at 12 Noon, for discussion with the Chief Engineer to Government.

Yours faithfully,

Sd/M.M.K

Under Secretary to the Government of Bombay, Public Works Department

D.A.-Nil.

LBM/4/1/50
AP.4/1/50 3

G. R., G.-D., No. 2408 dated 22-6-22.]

Std. Sectt. 73 a.

DOCKET SHEET

Pt. VII

Subject:—

File No. 6250/36

P. W. DEPT.

M. BRANCH.

References:—

Date.	To whom sent.	Notes and instructions.
28/10/49	FB.	Record.
12/1/50.	FB.	
13/2/50	Ds	Re in draft - at p 205 today
18/3/50	Ds	Pl. in draft — at p 211
19/4/50	S.S.	Pl. issue draft (U.O. 269-70) today; keep cl. o/c Pl.
21/4/50	FB.	Pl. sent. 411

Alternative Malaprabha Water Supply Scheme for Dharwar and Hubli

STATEMENT OF MAINS

Alternative Malaprabha Water Supply Scheme for Dharwar & Hubli

Station & Position on Plan	Distances in miles	Distances from ~~Intake~~ Dia of the	Discharge in M.G.D.	Loss per 1000	Total loss of head	Approx. G.L.	Approx. Hy. Gr. Level	Effective head	Static Head	Remarks

Amicn bhavi on Dharwar Sondatti Road						2150 2444 294 425		
		8200	33"	8.75	1.40	11.5		Rest of the pipes
	5.0					2240 2432.5 192.5 325		'C' Class
		18300	30"	8.75	2.27	41.5		
Mile No 2.5 on Dharwar Sondath. Road						2280 2391 111.0 295		

③ Hubli gravity main from Mile No 2.5 on Dharwar Sondath. Road to Kehawapur Reservoir at Hubli

Mile No 2.5 on Dharwar Sondathi-Road						2280 2391.0 111.0 295	Pipeline Cross-country Service Res
	5.00	26500	27"	6.25	2.03	54	
	(Approx Velocity 2.65' per Sec)						
Mile No 265.5 on Dharwax Hubli Road						2290 2337 47.0 285	All 'C' class pipes
	1.5	8000	27"	6.25	.203	17	
Mile No 267 on " " opp. Rayapur						2300 2320 20 275	Obligatory effective head Alternatively a break pressure chamber of nominal capacity of say 3 hours equivalent capacity provided at 'B' class of pipes can be retained on account of reduction of static head on this point to Hubli Pipeline along Dhk Hubli R
		14000	24"	6.25	3.63	51	
	(Approx. Velocity 3.65 ft per Sec)						
	4.0					2100 2269 169 475	
Mile No 271 on Dharwar Hubli Road Near Unkal						2050 2219 169 525	

Mile No 271 on Dharwar Hubli Road near Unkal	2·5	11,900	21"	6·25	6·95	83	2059 2219 160 525	Above line Cross Country Service Road.
Keshavapur Reservoir at Hubli (Existing)							2109 2136 36 475	2136·0 is the F.S.L of Existing Keshavapur Reservoir

Static heads have been worked on the basis of 2575 as the F.S.L of Parasgad Reservoir

Hydraulic grade levels have been worked on 2565 as the bed of Parasgad Reservoir

④ Gravity and Supply main for Dharwar

Mile No 2·5 on Dharwar Sondatti Road	3·0	15900	21"	2·5	1·3	21	2280 2391 111 295	Through the heart of the town & Serving approximately 40% of the population enroute Say in two Contours
Parasgad Reservoir on Kalamahli near Sondatti	1·0	5,300	33"	9·0	1·5	8	2570 2565·0	Proposed F.S.L 2575·0 Cross Country bibe line Service Road.
Mile No 22 on Dharwar Sondatti Road	8·5	44,900	33"	9·0	1·5	67	2150·0 2557·0 407 425	A Small length is Class. A small length is Class.
Hongal on Dharwar Sondatti Road	6·0	31,700	33"	8·875	1·45	46	2000 2490 490 575	Pibe line along Dharwar Sondatti Road
Kamankoppa on							2150 2444 294 425	

① Pumping main from Head Works to Parsagad Reservoir

Malaprabha River near

5.0	26500	30"	10.8	3.35	

(Approx. velocity 4.2 ft per Sec.)

Cross Country pumping main - Service Road approximately 1/3rd 'D' Class, 1/3rd 'C' Class & 1/3rd 'B' Class of pipes

Parasgad Reservoir on Yallamma hill near Sondatti

② Common Gravity main from Parasgad Reservoir to Mile No 2.5 on Dharwar Sondatti Road

2350 or there about

2270	2270	nil	305		All 'C' Class pipes

Mile No 263.5 on Dharwar Hubli Road opp. Malaxmigudda Probable location of Sump for Dharwar towns

⑤ Pumping main for Dharwar

To serve 50% of population from Saraswat Colonery reservoir.

0.7	3700	15"	1.8	3.65	14

(Approximate Velocity 2.75 ft per Sec.)

Pumping main along the road All 'B' Class pipes

Mile No 263.5 on Dharwar Hubli Road

Proposed Reservoir at on Saraswat Colonery

Ex. Engr.
K. S. Divn. Dharwar

PUBLIC HEALTH ENGINEER
Inward No.
13911
19-7

No. T-1/ 3991 of 1949.

Karnatak Sanitary Division,
Dharwar, 16th July 1949.
Post Box No. 21.

To

The Chief Engineer (Irrigation)
to the Govt. of Bombay,
Public Works Department,
Bombay.

Subject:- Preliminary Note on the alternative Malaprabha Scheme for Hubli and Dharwar Water Supply.

Sir,

I submit herewith my Preliminary Note on the alternative Malaprabha Scheme for Hubli and Dharwar Water Supply for favour of further disposal.

This has reference to your personal discussion with me at the time of your inspection of the Neersagar Water Supply Scheme at Dharwar on 27th June 1949.

Yours faithfully,

Encl:- 1.

Executive Engineer,
Karnatak Sanitary Division.

MRB/14.7.

Through the Public Health Engineer to Govt.,Poona with compliments.

Encl:- 1.

Preliminary note on the alternative Malaprabha Scheme for Hubli and Dharwar Water Supply. -

*****

The Chief Engineer (Irrigation) to the Govt. of Bombay during his inspection of the Neersagar Water Supply Scheme on 27th June 1949 desired me to draw up a preliminary note on the alternative Malaprabha Scheme (popularly known as Munavalli Scheme) for Hubli & Dharwar Water Supply.

Extracts of important correspondence on this alternative Scheme available now on records with this Division are given below. It will be apparent from these that this alternative Scheme was already thought of in the past and was turned down by the Government after full considerations as it involved huge length of pipe lines, high initial ~~capacity~~ capital and annual recurring costs.

.....

Copy of Government Letter (P.W.D.) No.6250/36-R, dated the 2nd February 1945, regarding Munawali Water Supply Scheme.

.....

"I am directed to state that during His Excellency the Governor of Bombay's recent tour to Dharwar several visitors mentioned the Munawali Water Supply Scheme in the Dharwar District. No information is available either in this Department or the General Department regarding it. You are therefore requested to enquire about it and submit to this Department a brief report about it immediately."

.....

Copy of letter No.2529 of 1945 dated 12th March 1945, from the Public Health Engineer to Govt., Poona, to the Secretary to Government, P.W.D., Bombay.

.....

Reference:- Government letter P.W.D.No.6250/36-R dated the 2nd February 1945 and this office No.2096 dated the 1st instant.

2. Presumably, the Munavalli water supply scheme is talked of as the result of the Hubli Municipality's address to

.....

His Excellency the Governor during his recent visit to the

....

Continued on 2....

Karnatak. The records of this branch do not show any mention of this scheme, nor does the topo sheet show a village by the name of "Munavalli". It may refer to a village by name "Munoli" near the town of Saundatti in the Belgaum collectorate. It refers to a pick-up-weir scheme on the Malaprabha river flowing past the village. The river passes through a gorge near this point and the site for a dam may be suitable owing to the rocky strata met with there. But the lake itself would be 28 miles away to the north of Dharwar and a further 10 miles from Hubli. The site is also below Dharwar and Hubli level and as such, all the water that would be required for the two towns would require to be pumped. Prima facie, it appears to me that the initial cost due to the long length of pipe line and the M. & R. cost due to the uneconomical lift would be much in excess of the Neersagar scheme. Unless it is proved to the contrary, there appears to be no point in working out a comparative estimate for the same. Moreover, the Neersagar scheme has been generally admitted to be a good and never failing scheme for Dharwar and Hubli and much progress has been made in the preparation of plans and estimates.

3. It is most irregular for the Municipality to have brought up this matter in an official address before the head of the Province without having referred the scheme to me. The Hubli Municipality know how I personally have visited them and their sites for water supply and it is very bad form and not helpful to put their unprofessional ideas into the address and it is surprising that the Revenue Authorities permitted this.

.....

Continued on 3....

Public Health Engineer to Govt., Poona's reply to un-official reference dated the 27th March 1945 from the G.D. of the Secretariat (File No.807/33/4587).

.....

Returned with compliments.

2. The alternative scheme suggested by Sir Siddappa Kambli is presumably the one known as the "Manoli Scheme" and referred to in the Hubli Municipality's address to His Excellency during his last visit. My opinion on this scheme is contained in my letter No.2529 dated the 12th March 1945 addressed to Government in the Public Works Department - a copy of which is now enclosed herewith. For obvious reasons this source of supply will not be found cheaper for either Dharwar or Hubli, the distance from the proposed dam site to Dharwar and Hubli being about 27 and 38 miles respectively. Moreover, the level of ground at the dam site is nearly 400 feet lower than Dharwar and the whole quantity of water required will have therefore to be pumped to Dharwar level. The initial cost of the scheme will be high as also the maintenance cost, when compared to the Neersagar Water Supply scheme.

3. The lake formed on the Malaprabha river will no doubt store sufficient water for supply to Gadag also, ~~by~~ but this town is nearly 40 miles east of Dharwar and the cost of pipe alone would be about Rs.35/- lakhs. The suggested alternative scheme will therefore be uneconomical and has no advantages.

.....

Below copy of extract paragraph 2 of letter No. 2529, dated the 12th March 1945, from the Public Health Engineer to Government addressed to the Secretary to Govt., Public Works Department, Bombay, regarding the proposed Munawalli Water Supply Scheme.

.....

No.S-1/10015-R-I. Public Works Department
Bombay Castle, 3rd May 1945.

Copy forwarded to the General Department with reference to that Department's endorsement No.S-101-A, dated the 24th March 1945.

....

Continued on 4....

2. In the circumstances stated by the Public Health Engineer to Government, the request of the Hubli Municipality contained in paragraph 12 of its address to His Excellency the Governor of Bombay cannot be complied with.

By order of the Governor of Bombay,

Under Secretary to the Government of Bombay,
Public Works Department.

.....

The alternative scheme discussed at some length in this note would be somewhat as under :-

(a) Bringing infiltered water by infiltration wells and galleries in the Malaprabha river down stream of village Nadvinhalli into a jack well.

(b) Pumping the infiltered water to a point near the Parasgad Fort on the Yallamma hills near Saundatti so as to command both the towns if possible by gravity or by installing pumps, if necessary, in between.

(c) Laying of the pumping and gravitation mains with the requisite cross drainage works

& (d) Providing connected works for a water supply scheme; such as Reservoirs, balancing tanks, Pumping stations & machinery etc. wherever necessary.

The most important condition for such an alternative scheme to be unfailing is a guarantee of a minimum flow of about 70 Cusecs (16.7 Cusecs x 4 = 66.8 Say 70) in the Malaprabha river near Nadvinhalli village in a longest cycle of driest rainfall years. This question therefore needs to be ascertained and thrashed out carefully.

The requisite information for this preliminary note has been taken only from the topo sheets and is therefore approximate within reasonable variations.

Continued on 5....

Population and rate of supply :-

	Dharwar.	Hubli.
(i) Eventual population.	80,000	2,00,000
(ii) Total daily supply at 30 gallons per head.	24,00,000	60,00,000
(iii) Industrial requirements.	1,00,000	10,00,000
(iv) Total daily requirements.	25,00,000	70,00,000
(v) Deduct available supply.	assumed nil.	7,50,000
Daily supply from this source.	25,00,000	62,50,000

= 87,50,000 gallons.

Since the main from Parasgad reservoir to Dharwar has to be mostly along the Dharwar Saundatti road a total daily supply of 2,50,000 gallons has been assumed for being made available to villages like Hongal, Aminbhavi and others enroute.

From this source the total supply, therefore, thus works out to 90,00,000 gallons a day.

Mains :-

As a major portion of the cost of this alternative project is likely to be that for the mains, this item alone has been gone into in some details in this note. The details of the pipe lines are embodied in the pipe statement attached herewith. For preliminary purposes only B Class pipes have been assumed and their approximate costs worked out. But from statement it will be clear that higher class of pipes become necessary in some portions. The costs, therefore, are likely to increase ~~kk~~ to some extent over those worked out in the estimate of this note.

(A) Pumping main from Malaprabha river to Parasgad reservoir :-

Probable F.S.L. of the Parasgad reservoir. ..... 2575.0.

Probable river bed level 1987.0

Continued on 6....

Bed level of Jack well.	.....	1981.0
Lowest suction level.	.....	1982.0
Total static lift.	.....	593.0 feet.
Probable number of pumping hours in the eventual stage.	.....	20.0
Total daily requirements.	.....	9.0 m.g.
Discharge through pumping main at 20 hour working day.	.....	10.8 m.g.
Length of pumping main - 5 miles.		26,500 feet.
Probable size of pumping main.		30"
Loss of head per 1000 feet at 10.8 m.g.d. discharge.	.....	3.35 feet.
Probable velocity through main.		4.2 feet.
Total loss of head due to pipe friction.		89.0 feet.
Add other sundry losses say	.....	18 feet.
Total pumping head from all causes.	.....	700 feet.

(B) Gravity main (common) from Parasgad reservoir to mile No. 2.5 on Dharwar - Saundatti road :-

It has been assumed that 0.125 m.g.d. discharge will be tapped off this main at points near villages Hongal and Aminbhavi respectively and the mains have therefore been suitably adjusted. The necessity of providing an unavoidable head of about 111 feet near mile No. 2.5 on Dharwar Saundatti road will be obvious from the statement, as near Rayapur at mile No.267 on Dharwar Hubli road a nominal positive head on the high ground at R.L. about 2300 was obligatory.(This has been so due to the effort of avoiding pumping - or long detour for Hubli Supply.)

(C) Gravity main from mile No. 2.5 on Dharwar-Saundatti road to Hubli :- Dharwar town has been bye-passed here by taking a pipe line, cross-country, almost parallel to contour 2300 thus considerably reducing the length and size of the pipe. From mile No.265.5 to mile No. 271 (near Unkal), the pipe line has been taken along Hubli-Dharwar road & from

Continued on 7....

Unkal down to the existing Keshawapur reservoir the pipe has been taken cross-country. This pipe will feed the Keshawapur reservoir of which the F.S.L. at Hubli is 2136.0. (Please vide pipe statement.)

(D) Gravity and supply main for Dharwar from mile No. 2.5 on Dharwar Saundatti road :- This gravity main-which also is called a supply main - has been proposed through the heart of the town and goes to a point (opposite Mailarlingam Gudd) near mile No. 262.5 on Dharwar - Hubli road.

Since the hydraulic gradient on this pipe line, passing through the heart of the lower town, will be fairly high, this line will be made use of as distribution main too for the lower parts of the City, say - below contour 2350 or thereabout and commanding approximately 40% of the City's ultimate population.

At the end of this pipe line a sump will be necessary from where water will have to be pumped to a service reservoir suitably located so as to command the rest of the population (viz. 60%) residing on higher contours. Please see pipe statement attached herewith.

(E) Pumping main for supply to higher localities at Dharwar:- There is a suitable plateau in Saraswat Colony to command higher localities. Water from the sump pit near Mailarlingam Gudd will be pumped into this reservoir.

Probable F.S.L. of reservoir in Saraswat Colony.	.....	2520.0
Probable F.S.L. of sump pit near Mailarlingam Gudd.	.....	2370.0
Bed level of the sump pit near Mailarlingam Gudd.	.....	2360.0
Static head.	.....	160.0 feet.

Total requirements of water from the Saraswat Colony reservoir

$$= \frac{60 \times 80,000 \times 30}{100}$$

= 14,40,000 gallons or say = 15,00,000 gallons.

This quantity has to be pumped in 20 working hours.

Continued on 8....

Discharge through the pumping main of 20 hour day	=	1.8 m.g.d.
Length of pumping main	=	3700 feet.
Probable diameter of Pumping main	=	15"
Loss of friction per 1000 feet at 1.8 m.g.d. discharge.	=	3.65 feet.
Approximate velocity	=	2.75 feet/sec.
Total loss of head in friction	=	14 feet.
Add sundry losses say	=	6 feet.
Total head from all causes	=	180.0 feet.

Pumping machinery:-

(a) Machinery at head works -

Total head from all causes	=	700 feet.
Discharge of pumps	=	10.8 m.g.d.(24 hours).
W.H.P.	=	1590
Allowing 60% overall efficiency B.H.P.	=	2550.

This will be H.P. for working one engine and one pump at a time to give 9 m.g.d. in 20 working hours.

For flexibility, reduction in cost and reasonable standby adopt 3 sets of engines of 1300 B.H.P. each with pumps capable of pumping 2,25,000 gallons per hour.

(b) Machinery for Dharwar :-

Total head from all causes.	-	180 feet.
Discharge of pumps	=	1.8 m.g.d. (24 hours).
W.H.P.	=	68.1
Allowing 60% overall efficiency B.H.P.	=	110

Say 3 engines of 60 B.H.P. each and 3 pumps to discharge 37,500 gallons per hour for flexibility, reduction in cost and standby etc.

Continued on 9....

Approximate cost of the scheme:-

(1) Detailed survey and preparation of project. Rs.25,000/-

(2) Land acquisition

		Approximate acres
(a)	head works.	10.0
(b)	Pumping main & service road.	20.0
(c)	Parasgad Service reservoir:	1.0
(d)	Gravity main & service road.	33.0
(e)	Sump pit near Mailarlingam Gudd.	1.0
(f)	Saraswat Colony reservoir.	1.0
		66.0 acres,

@ Rs.350/- per acre. Say Rs.25,000/-

(3) Intake & head works.

(a)	Infiltration wells.	1,25,000/-	
(b)	Infiltration Galleries	1,25,000/-	
(c)	Connecting pipe from galleries to Jack well	1,00,000/-	
(d)	Jack Well.	50,000/-	
(e)	Pumping station building	1,50,000/-	
(f)	Approach to river bank and protective works.	75,000/-	
(g)	Staff quarters.	1,25,000/-	
(h)	Sundries.	50,000/-	
		8,00,000/-	Rs.8,00,000/-

(4) Laying of pipe lines including specials. (Assumed only B class pipes for this note.)

(a)	30" dia. pumping main 26,500 ft. @ Rs.68/8/- a foot.	18,15,000/-	
(b)	Common gravity main		
	(i) 33" dia. 90,100 ft. @.Rs.80/-/- a foot.	72,08,000/-	
	(ii) 30" dia. 18,300 ft. @ Rs.68/8/- a foot.	12,54,000/-	
		1,02,77,000/-C.O.	8,50,000/-C.O.

Continued on 10....

	B.F.	B.F.
	1,02,77,000/-	8,50,000/-
c) Hubli gravity main		
(i) 27" dia. - 34,500 ft. @ Rs.58/-/- a foot.	20,00,000/-	
(ii) 24" dia. - 14000 ft. @ Rs.47/8/- a foot.	6,66,000/-	
(iii) 21" dia. - 19000 ft. @ Rs.38/8/- a foot.	7,32,000/-	
(d) Dharwar mains		
(i) gravity 21" dia.- 15900 ft. @ Rs.38/8/- a foot.	6,12,000/-	
(ii) Pumping 15" dia.- 3700 ft. @ Rs.24/-/- a foot.	89,000/-	
	1,43,76,000/-	1,43,76,000/-
(5) Cross drainage works for pipe lines and service roads.		2,00,000/-
(6) Service roads 13.25 miles @ Rs.50,000/- a mile.		6,63,000/-
(7) Parasgad service reservoir. This capacity will have to be atleast 1/2 day's equivalent on account of huge length of pipe line involved		
4.5 m.gallons @ Rs.-/2/9 per gallon.		7,75,000/-
(8) Sump pit near Mailarlingam Gudd .... 6 hours' equivalent of 1.5 m.g.daily = 0.375 m.gallons. Say 0.4 m.gallons @ Rs.-/4/- per gallon.		1,00,000/-
(9) Pumping station near Mailarlingam Gudd:		50,000/-
(10) Pumping machinery		
(i) At Head Works - 3 engines & 3 pumps of 1300 B.H.P. each @ Rs.550/- per B.H.P. to cover everything.		21,50,000/-
(ii) Near Mailarlingam Gudd - 3 engines & 3 pumps of 60 B.H.P. each @ Rs.650/- per B.H.P. to cover everything.		1,17,000/-
(11) Telephone lines approximately 42 miles @ Rs.3,500/- per mile.		1,47,000/-
(12) Unforeseen items.		1,22,000/-
Total		Rs.1,95,50,000/-

Continued on 11....

An addition of about say Rs.4,50,000/- needs to be made for providing higher class of pipes on account of higher static heads prevailing over a considerable length of mains This brings the cost at Rs.2,00,00,000/- net. Including 27% E.T.P. charges on the net amount, the cost of this alternative scheme therefore works out to Rs.2,54,00,000/-.

In view of this very high initial capital cost for a high head pumping scheme I am not going into the question of the financial forecast and the cost of water per 1000 gallons at this stage as the latter is bound to work out too high.

The Government of Bombay therefore has taken a right step in turning down this alternative proposal as far back as 1945 and in concentrating its efforts on the completion of the Neersagar Water Supply-cum-Irrigation Scheme which in the initial stages is going to cater for Irrigation (and this is in keeping with the present policy of the Unio Government) besides catering for the Water Supply of Hubli and Dharwar.

The following are the accompaniments to this preliminar note :-

(1) Statement for mains.

(2) General plan.

(3) 'L' section of Gravity and pumping main.

(4) Graph for Pipe Line cost.

Executive Engineer,
Karnatak Sanitary Division.

MRB/15.7.49.

Below No. T-1/3991, dated the 16th July 1949, from the Executive Engineer, Karnatak Sanitary Divn., Dharwar, regarding Preliminary Note on Malaprabha Water Supply Scheme for Dharwar and Hubli, addressed to the Chief Engineer,(Irrigation) to the Govt. of Bombay, P.W.D.,Bombay.

No.SW-3-27/7471 of 1949,
Poona 1, 21st July 1949.

Forwarded with compliments, to the Chief Engineer (Irrigation), P.W.D. Bombay, for favour of further disposal.

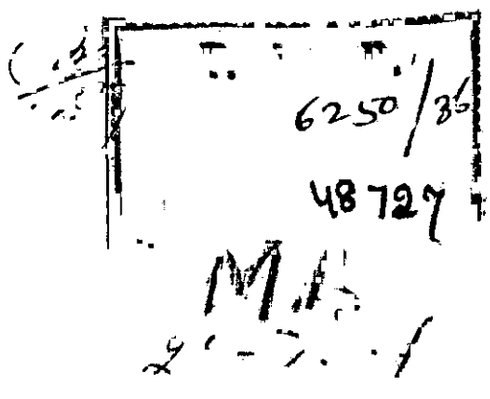
2. Malaprabha Water Supply to Dharwar and Hubli proposal sent by the Executive Engineer, Karnatak Sanitary Division, Dharwar, is being scrutinized and modified by me and a separate report in this respect will soon follow. As regards the capital cost of the proposal, it is roughly reaching the figure of Rs. 260 lakhs with 15% E.T.& P. charges and the annual burden on account of interest sinking fund and maintenance and running expenses will be far more than that of the Neersagar Scheme. The whole supply is required to be pumped to a head of 700 feet and this is very expensive.

3. There seems to me no cheaper and workable alternative for the Neersagar Scheme.

D.A. 9 Papers and
3 Blue Prints.
DWK/20-7-49.

Public Health Engineer
to Government.

Copy forwarded with compliments, to the Executive Engineer, Karnatak Sanitary Division, Dharwar, for information.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Statement No.1.

MALAPRABHA RIVER SCHEME.
for
DHARWAR AND HUBLI.

Statement showing the rough cost of Malaprabha River Scheme.

-oOo-

	Items.		Cost. Rs.
1.	Surveys and preparation of detailed plans and estimates.		25,000/-
2.	Head works on Malaprabha River -		
	2/1). Infiltration works - wells 10 Nos.	Rs. 2,50,000	
	2/2). -do- 100 Rft. 24" dia. gallery.	Rs. 1,25,000	
	2/3). 1000 Rft. connecting pipe from gallery to the Jack-well on the bank of the river.	Rs. 1,25,000	
	2/4). Two Jack-wells.	Rs. 75,000	
	2/5). Engine House.	Rs. 1,80,000	
	2/6). Chlorination arrangements.	Rs. 20,000	
	2/7). Approach Road to river and other protective works.	Rs. 75,000	
	2/8). Staff Quarters.	Rs. 1,25,000	
		Rs. 9,75,000	.. 9,75,000/-
3.	Pumping machinery at Head Works - 4 Units of Pumping machinery each consisting of Borehole pumps and 700 B.H.P. Oil Engines fixed complete.		.. 15,40,000/-
4.	First rising main from the Head works on Malaprabha river to the first Storage sump near Saundatti Fort - Hume Steel Pipe 'B' & 'C' class 14,500 Rft. total.		
	4/1). 30" dia. 'C' class Hume Steel Pipe 10,000 Rft. @ Rs.65/- per Rft.	Rs. 6,50,000	
	4/2). 30" dia. 'B' class Hume steel pipe, 4,500 Rft. @ Rs.60- per Rft.	Rs. 2,70,000	.. 9,20,000/-
		Rs. 9,20,000	
5.	First Storage Sump near Saundatti Fort capacity 2 million gallons.		5,00,000/-
		C.O.	39,60,000/-

2....

Statement 1 (Continued).

			Rs.
	B.F.		39,60,000/-
6.	Pumping Station near Saundatti Fort -		
	6/1). Engine House.	Rs. 1,80,000	
	6/2). Stores and Workshop	Rs. 50,000	
	6/3). Workshop Machinery.	Rs. 50,000	
	6/4). Staff Quarters.	Rs. 1,00,000	
		Rs. 3,80,000	3,80,000/-
7.	Pumping machinery at Saundatti Fort Pumping Station - 4 Units of pumping machinery each consisting of centrifugal pumps and 800 B.H.P. Oil Engines fixed complete.		16,00,000/-
8.	Second Rising Main from Saundatti Fort Pumping Station to the Storage Reservoir on Parasgund Hill - Hume Steel Pipe B & C class 12000 Rft. total.		
	8/1). 30" dia. 'C' class Hume steel pipe 8000 Rft. @ Rs.65/- per Rft.	Rs. 5,20,000	
	8/2). 30" dia. 'B' class Hume Steel pipe 4000 Rft. @ Rs.60/- per Rft.	Rs. 2,40,000	
		Rs. 7,60,000	7,60,000/-
9.	Storage Reservoir on Parasgud Hill 4.5 million gallons.		7,75,000/-
10.	Common gravity main from Parasgund Reservoir to bifurcation point (separate Dharwar Pumping Station) 2.5 miles from Dharwar on Dharwar-Saundatti Road - total length 1,13,000 Rft.		
	10/1). 30" dia. 'C' class Hume Steel pipe 6000 Rft. @ Rs. 65/- per Rft.	Rs. 3,90,000	
	10/2). 30" dia. Hume steel pipe 'D' class 1,07,000 Rft. @ Rs. 70/- per Rft.	Rs.74,90,000	
		Rs. 78,80,000	78,80,000/-
11.	Storage sump at the point of bifurcation 4.00 million gallons.		6,88,000/-
12.	Separate pumping station for Dharwar at the point of bifurfation 2.5 miles on Dharwar-Saundatti Road -		
	12/1). Engine House.	Rs. 80,000	
	12/2). Quarters for Staff.	Rs. 50,000	
	12/3). Chlorination Arrangements.	Rs. 10,000	
		Rs. 1,40,000	1,40,000/-
		C.O.Rs.	1,61,83,000/-

3....

Statement 1 (Continued).

		Rs.
	B.F.	1,61,83,000/-
13.	Pumping Machinery for Dharwar - Duplicate set of 300 B.H.P. Oil Engines and Centrifugal Pump.	3,00,000/-
14.	Separate Rising Main from Pumping Station for Dharwar to the Service Reservoir in Saraswat Colony 18,500 Rft.	
14/1).	18" dia.Hume Steel Rising main 'B' class - 18,500 Rft.@ Rs.27/- per Rft.	5,00,000/-
15.	High Level Service Reservoir ~~on~~ at Saraswat Colony and connecting it to the existing Service Reservoir in Collector's compound.-	
15/1).	S.R.at Saraswat Colony. Rs. 1,50,000	
15/2).	18" dia.Hume Steel connecting main 7000 Rft. @ Rs.27/- per Rft. Rs. 1,89,000	
15/3).	Quarters for Staff Rs. 10,000	
	Rs. 3,49,000	3,49,000/-
16.	Hubli Gravity Main from point of bifurcation to the existing service reservoir in Keshavapur, Hubli-total length 71,500 Rft.	
16/1).	27" dia. Hume Steel Pipe 'B' class 34,500 Rft.@ Rs.51/- per Rft. Rs.17,60,000	
16/2).	24" dia.Hume steel pipe 'B' class 17000 Rft.@ Rs.43/- per Rft. Rs. 7,31,000	
16/3).	21" dia.Hume steel pipe 'B' class 20000 Rft.@ Rs.35/- per Rft. Rs. 7,00,000	
	Rs. 31,91,000	31,91,000/-
17.	Service Roads - 14 miles long and cross drainage works for the same.	8,63,000/-
18.	Telephone Lines - 42 miles long.	1,47,000/-
19.	Land Acquisition for Works and Roads.	25,000/-
	Total Rs.	2,15,58,000/-
	Add 5% Contingencies. Rs.	10,77,900/-
	Rs.	2,26,35,900/-
	Say Rs.	2,26,40,000/-
	Add 15% E.T.& P. charges Rs.	33,96,000/-
	Rs.	2,60,36,000/-
	Say Rs. 260 Lakhs.	

DWK/5-8-49.

XX
Public Health Engineer
to Government.

Statement No. 2.

MALAPRABHA WATER SUPPLY SCHEME.
for
DHARWAR, HUBLI & SAUNDATTI

Principal Features.

1). 1941 Population -

Dharwar	..	47,952.
Hubli.	..	98,751.
Saundatti	..	8,730.
Total		1,55,433.

2). Prospective Population.

Dharwar	..	80,000
Hubli.	..	1,70,000
Saundatti	..	14,000 (Town only).
Total		2,64,000

3). Rate of Water Supply -

30 gallons per head per day.

4). Ultimate requirement of water -

i). 2,64,000 x 30 = 7.92 M.G. for domestic supply.

ii). 1.00 M.G. for Industrial supply at Hubli.

iii). 45000 floating population at Saundatti for Yellamma Fair @ 5 gallons per head per day = 0.225 M.G. per day.

iv). Water Supply for villages enroute to Dharwar and Hubli. = 1.00 M.G. per day lump.

Total 10.145 M.G. per day.

Deduct quantity available for Hubli from Unkal Water Works - 0.75 M.G. per day.

Ultimate requirement - 10.145 - 0.75 = 9.445 M.G. Say 9.50 M.G. per day.

5). Ultimate hours of Pumping ... 20

6). Hourly discharge of pumping in Rising main. ... 4,75,000 gallons per hour.

7). Minimum discharge of Malaprabha River. ... 70 Cusecs. i.e. 37.8 million gallons per day.

HEAD WORKS.

Rate of Infiltration through Malaprabha River Sand. ... 40 gallons per square foot per hour (assumed) with 12 ft. head of depression.

Area of Infiltration required. $\frac{4,75,000}{40}$ = 11,875 Sq.ft.

Number of wells proposed 30 feet diameter. ... 10 Nos.

Area of Infiltration of wells. ... 706 x 10 = 7060 Sq.ft.

2....

Statement No.2 (Contd:)

Head Works Contd.

Length of 24" diameter gallery connecting the wells proposed.	...	1000 Rft.
Area of Infiltration of the pipe gallery.	...	6280 Sft.
Total area proposed.	...	13,340 Sq.ft.

First Pumping Upto Saundatti Town -

Bed level of Malaprabha river.	...	R.L. 1987.00
Bed level of Infiltration Wells.	..	R.L. 1975.00
Bottom of Jack-well.	...	R.L. 1965.00
Lowest suction level of the Jack-well.	...	R.L. 1971.00
F.S.L.of the first sump near Saundatti Fort.	...	R.L. 2260.00
Static Lift. 2260 - 1971	...	289 Feet.
Diameter of Rising Main(I) proposed.	...	30" Hume Steel.
Length of Rising Main from the Jack-well to the first sump.	...	14,500 feet.
Frictional loss for 11.4 M.G.D. with C = 110.	...	2.5 per 1000.
Total frictional loss in 14,500 feet including bends etc.	...	51 feet.
Total lift from jackwell to the F.S.L. of the first sump.	...	340 feet.
W.H.P. required for pumping - $\frac{4,75,000 \times 10 \times 340}{33,000 \times 60}$ =	...	808
B.H.P. of Engines with 60% efficiency.	...	$\frac{808}{60}$ = 1350.

Install four units of 700 B.H.P.vertical Crude Oil Engines working two together at a time with Borehole pumps capable of lifting 4,75,000 gallons per hour againstx a head of 350 feet.

Size of Engine House.	...	150' x 60'.

Jack-Wells - 2 Nos. 20 feet diameter.

Rising Main 14,500 feet - Hume steel pipe, tested to 600 ft. pressure.

Capacity of the first sump near Saundatti.	...	1.00 M.G.

Second Pumping to Parasgad Hill -

Lowest suction in the first sump.	...	R.L. 2250.00
F.S.L.of Parasgad Reservoir.	...	R.L. 2603.00

Statement No. 2 (Contd:)

Second Pumping to Parasgad Hill - contd.

Static Lift.	...	353 Feet.
Length of Rising Main from first pumping near Saundatti Fort to Parasgad Reservoir.	...	12,000 Rft.
Frictional loss for 30" dia. pipe for 11.4 M.G.D.with C = 110.	...	2.5' ~~2.45~~' per 1000.
Total frictional loss including losses through bends etc.	...	40 feet.
Total lift.	...	393 feet.
W.H.P.required $\frac{4,75,000 \times 10 \times 393}{33,000 \times 60}$ =	...	934.
B.H.P. of Engines with 60% Efficiency.	...	$\frac{934}{60}$ = 1550.

Install four units of 800 B.H.P.vertical crude Oil Engines working two together at a time with centrifugal pumps capable of lifting 4,75,000 gallons per hour against a head of 393 feet.

Size of Engine House. near the 1st sump at Saundatti.	...	150' x 60'.

Rising Main 12,000 Rft. Hume Steel Pipe tested to 600 feet pressure.

Reservoir on Parasgad Hill.

Ultimate daily requirement excluding Saundatti town & Yellamma Hill needs	...	8.5 M.G.
Capacity of the Reservoir 12 hours requirement of Dharwar, Hubli and villages enroute.	...	4.25 M.G.

Common Gravity Main from Parasgad Reservoir to bifurcation point 2.5 miles from Dharwar on Dharwar-Saundatti Road.

F.S.L.of Parasgad Reservoir.	...	R.L. 2603.00
Bed -do- -do-	...	R.L. 2587.00
F.S.L.of Joint Balancing Reservoir for Dharwar and Hubli at mile 2.5 on Dharwar-Saundatti Road.	...	R.L. 2315.00
Fall available.	...	272 feet.
Length of gravity main 21.5 miles.	...	1,13,000 feet.
Fall per 1000 feet.	...	2.40 per 1000 feet.

30" dia. Hume steel pipe can discharge 11.00 M.G.per day with a fall of 2.4 feet per 1000. Therefore, adopt 30" dia.hume steel tested to 600 feet pressure.

4....

ient No.2 (Contd:)

Near mile 2.5 on Dharwar-Saundatti road, there will be a sump and pump house for Dharwar and water will gravitate to Hubli.

Branch rising main to Dharwar from point of bifurcation to Saraswat Colony Reservoir.

Hydraulic gradient near bifurcation point.	...	R.L. 2320.00
F.S.L. of proposed sump at the point of bifurcation.	...	R.L. 2315.00
Bottom of the sump.	...	R.L2305.00
F.S.L.of Saraswat Colony Reservoir.	...	R.L. 2520.00
Static lift.	...	215 feet.
Dharwar requirement.	...	2.4 M.G.per day.
Hours of pumping.	...	20.
Hourly discharge.	...	1,20,000 gallons per hour.
Frictional loss for 18" dia. hume steel pipe.	...	2.5 per 1000.
Length of Rising Main 3.5 miles.	...	18,500 feet.
Total frictional loss including bends.	...	45 feet.
Total lift.	...	260 feet.
W.H.P. required - $\frac{1,20,000 \times 10 \times 260}{33,000 \times 60}$	...	156
B.H.P. required	...	$\frac{156}{0.6}$ = 260

Use Duplicate set of 300 B.H.P. Crude Oil Engines and Centrifugal Pump.

Sump at the point of bifurcation.

Capacity of sump required at the point of bifurcation	...	4.000 M.Gs.

Hubli Gravity Main -

Requirement for Hubli and villages enroute.	...	5.5 Million gallons per day.
Hourly requirement.	...	2,30,000 gallons.
Fall in hydraulic gradient from point of bifurcation near mile 2.5 Dharwar-Saundatti road to Mile No. 267.5 on Dharwar-Hubli Road.	...	R.L.2310 - 2275 = 35 feet.
Length of Pipe line 6.5 miles (34500 feet).	...	34,500 feet.
Fall per 1000.	...	1.00 per 1000 feet.

Statement No.2 (Contd:).

Hubli Gravity Main - Contd.

27" dia. Hume Steel pipe with a fall of 1.0 per 1000 feet gives a dischargeof 5.5 million gallons per day.

Fall in hydraulic gradient from mile No. 267.5 to F.S.L of Keshawapur Reservoir.	...	2275 - 2136 = 139 feet.
Length of pipe line nearly 7 miles.	...	37,000 feet
Fall available.	...	3.76 ft. per 1000

Use 24" dia. Hume Steel Pipe for 17000 feet and then 21" diameter for the remaining length, which can discharge 5.5 M.G. per day.

DWK/5-8-49.

XX
Public Health Engineer
to Government.

Statement No. 3.

MALAPRABHA WATER SUPPLY.

for

DHARWAR & HUBLI.

Statement showing Annual M.& R. charges - for Stage I.

(I)	Annual charges common. ..	Rs.	4,85,000/-
(II)	Annual charges for ~~Dharwar~~ Hubli independent works. ..	Rs.	48,000/-
III)	Annual charges for ~~Hubli~~ Dharwar independent works. ..	Rs.	57,000/-
		Rs.	5,90,000/-

Stage I.

Daily supply required -

Dharwar ..	1.2	M.Gs.
Hubli ..	2.55	"
Saundatti ..	0.45	"
Villages on the pipe line. ..	0.30	"
Total	4.50	M.Gs.

Hourly discharge of pumping 4,75,000 gallons.
Hours of pumping 9.48 - Say 9.5.

(a) Expenses for running pumping Plant at Head Works -

W.H.P. 808
B.H.P. 1350
Hours of working 9.5.
Crude Oil @ 0.7 lbs.per W.H.P.per hour -

$$\frac{0.7 \times 808 \times 9.5 \times 365}{2240} = 875 \text{ Tons.}$$

(i)	Cost of Crude Oil @ Rs.100/- per ton. ..	Rs.	87,500/-
(ii)	Cost of Lubricating Oil @ 3 lbs. per hour @ Rs. 5/- per gallon. ..	Rs.	5,200/-
(iii)	Cost of Sundries. ..	Rs.	6,000/-
(iv)	M.& R.of Pumping machinery @ 3% on the cost. ..	Rs.	48,000/-
		Rs.	1,46,700/-
		Say Rs.	1,47,000/-

(b) Cost of Pumping at Saundatti Fort Pumping Station:-

W.H.P. 934
B.H.P. 1550
Hours of Pumping 9.5

Cost of pumping $\frac{1,47,000 \times 934}{808}$ = Rs. 1,70,000/-

(c) Cost of Chlorination at Reservoirs. Rs. 5,000/-

(d) M.& R.of other works on Rs.200 lakhs @ 1/2%. Rs. 1,00,000/-

(e) Establishment @ 15% cost of running the pumping plant and other charges. Rs. 63,000/-

2....

Statement No. 3 (Contd.)

Total cost of Running and Maintenance of Common Works -

Total of (a), (b), (c), (d) & (e) say ..	Rs.	4,85,000/-

(II) Annual M.& R. charges for Hubli Gravity Main -

@ 1/4% of Rs. 32 lakhs.	Rs.	8,000/-
Service Road @ 5%.	Rs.	40,000/-
Total	Rs.	48,000/-

(III) Annual M.& R. charges for independent Dharwar Works -

Daily supply ...	1.2 million gallons.	
Hours of pumping. ...	10.	
W.H.P. ...	171.	
B.H.P. ...	285	

(a) Cost of Pumping -

(i)	Cost of crude oil @ Rs. 100 per ton @ 0.7 lbs. per W.H.P.hour (195 Tons).	Rs.	19,500/-
(ii)	Cost of Lubricating Oil.	Rs.	4,000/-
(iii)	Cost of Sundries.	Rs.	6,000/-
(iv)	M.& R.charges of Pumping machinery @ 5% on Rs. 3 lakhs.	Rs.	15,000/-

(b) M.& R. of Independent works @ 1/2% on Rs. 10 lakhs.	Rs.	5,000/-
(c) Establishment @ 15% of the cost of running.	Rs.	7,500/-
Total cost of Running and maintenance of independent works for Dharwar.	Rs.	57,000/-

XX-
Public Health Engineer
to Government.

DMK/5-8-49.

Statement No. 4.

NEERSAGAR WATER SUPPLY SCHEME.

for

DHARWAR & HUBLI.

Statement showing the revised cost of the Scheme with the prevailing rates.

-oOo-

Sl. No.	Item.	Sanctioned cost Rs.in thousands	Revised cost Rs.in thousands
1.	The Earthen Dam and allied works.	3,876	6,202
2.	Irrigation Canals.	96	154
3.	30" dia. Gravity Main.	297	371
4.	Raw Water Pumping.	1,022	1,278
5.	27" dia. Rising Main.	1,100	1,375
6.	Purification Works.	745	990
7.	Pure Water Sump.	140	175
8.	Hubli Gravity Main.	1,996	2,495
9.	Dharwar Pumping and Distribution Works.	1,484	2,055
10.	Land Acquisition.	393	393
		11,149	15,488
	Add 15% E.T.& P. Charges. excluding land acquisition.	1,613	2,261
	Total Rs.) in thousands.)	12,762	17749

Revised cost of Neersagar Water Supply Scheme - Rs. 177.49 lakhs gross with 15% E.T.& P. charges.

Say Rs. 177 lakhs.

DWK/5-8-49.

XX

Public Health Engineer to Government.

VERY URGENT.

No. SW-3-27/ 80 7/ of 1949,

Poona 1, 5th August 1949.

To

The Secretary to Government,
Public Works Department, Bombay.

Sub:- WATER SUPPLY TO HUBLI AND DHARWAR.
ALTERNATIVE SCHEME.

Reference: This office endorsement No. SW-3-27/ 7471, dated the 21st July 1949.

2. I discussed the Alternative scheme from Malaprabha River near Saundatti for Water Supply to Hubli and Dharwar, with the Secretary to Government (Irrigation) on the 25th July 1949, and informed him that due to very high lift and nearly 45 miles of pipe line required for such a scheme, the capital cost of the scheme would work out to Rs. 260 lakhs (vide statement 1 attached) against Rs. 177 lakhs (statement 4) the revised cost of the Neersagar Water Supply Scheme as is being actually constructed.

3. I also showed him that the annual cost of Pumping and Maintenance of the Alternative scheme, stage I, works out to Rs. 5.90 lakhs against Rs. 4 lakhs for stage I of Neersagar Scheme. This is mainly due to the larger number of pumping stations and higher lift. After discussion, it was agreed that the Neersagar Water Supply Scheme is the only economical scheme for water supply to these towns and that this should be proceeded with.

4. The scheme roughed out by the Executive Engineer, Karnatak Public Health Works Divn., Dharwar, was properly checked and revised where necessary in my office. I therefore, enclose herewith copies of the four statements discussed with the Secretary to Government (Irrigation), for reference. I now request Government to pass very early orders cancelling the tenders of the main Dam work already submitted to Government under my No. A-1-5/6395, dated 21-6-49, so that fresh tenders can be immediately called and the position ascertained whether the contractors will come forward to do the work at lower costs. If not, we will have to carry out the work departmentally and in that event, necessary machinery will have to be obtained for the scheme on the lines of machinery at Gangapur and also experienced personnel from the Deccan Irrigation Circle.

5. Early orders of Government cancelling the Earthen Dam tender may please be issued.

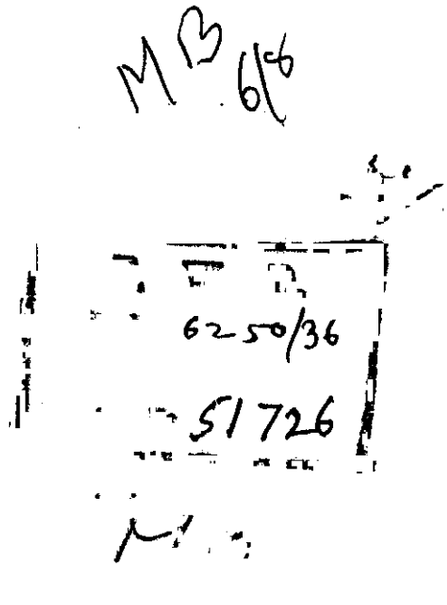
6. The tenders for the Purification Works referred to in my No. A-1-5/4913, dated the 17th May 1949, may be accepted early, as to make a good progress on the Scheme

xx
Public Health Engineer
to Government.

D.A. 4 Statements.
DWK/5-8-49.

Copy forwarded with compliments, to the Executive Engineer, Karnatak P.H.Works Divn., Dharwar, for information.

D.A. 4 statements.


MB 6/96
6250/36
51726

6250/36/51726.

P.W.S.

M.B.

Submitted to-gether with Serial No. 48 729.

2. Serial No. 48 727:— The P.H.E. to Govt. has forwarded a preliminary Note on the Malaprabha Water Supply Scheme for Dharwar and Hubli, prepared by the Ex. Engr, Karnatak Public Health works Div., Dharwar, as per instructions from the Secy (P) while he was on tour to Dharwar on 27-6-49, for Inspection of the Neersagar Water Supply Scheme.

3. Serial No. 51726:— The P.H.E. states that the question re. the Alternative Scheme from Malaprabha river near Saundatti, for water supply to Hubli and Dharwar was discussed by him with the Secy (P) and it was agreed that the Neersagar water Supply Scheme is the only economical Scheme for water supply to Hubli and Dharwar and hence this should be proceeded with. In this con. the P.H.E. has enclosed a statement discussed with the Secy (P). In view of the above decision, the P.H.E. requests Govt. to pass early orders in respect of the tenders for the Earthen Dam and its allied works at Dharwad, forwarded by him with his letter dt. the 21-6-49. P.L. See in this con. proceedings on file No. 6250/36/48727 (6250/36/51726) put up as linked case No. II. He has already

decided on that file that the tenders of M/s. Hindustan Constn. Co., Ltd. and M/s Doddanavar Bros of Belgaum should be rejected being too high and the fresh P.W.E. may be asked to reinvite tenders. He is accordingly being informed vide the draft put up on that file.

4. The P.W.E. also requests Govt's orders for accepting the tenders for the purification works at Kambhonhalli, vide para 6 of his letter under ref. Necessary action in this con. is being taken on file No. 625-0/36/426 UI, put up as linked case No. II."

Thro. DE (P+H)

ok.
7-8-49
10

10-8-49

11-8-49

Under Secy

12.8.49

6250/36/34325

H.B. P.W.D.

The two tenders refd. to by the ~~P.W.D.~~ in his letter within do not seem to have been received in this office. He may therefore be requested to send them as per draft put up for approval...

me
11-6-49

14/6/49

14/6/49.

MB 23/5

6250/36

34325

A 13

211

Lead

No.4-1-B/ 4913 of 1949.
Poona, 17th May 1949.

To

The Secretary to Government,
Public Works Department,

Subject: Construction Purification Works at Kanvihonnapur - Tenders for the ...

The Executive Engineer, Karnatak Sanitary Division, Dharwar, had invited tenders publically. In response to this 7 tenders were issued to the Contractors. Out of these 7, only two (2) tenders were received, as detailed below :-

S.No:	Name of Contractor:	Tendered amount	: Excess over the estimated amount.
1.	M/s S.G.Phadke & Sons Bombay.	Rs. 6,32,217	44.5%
2.	M.S.A. Madgaonkar	Rs. 5,79,304	32.4%

The estimated amount is Rs.4,37,923/-

2. As the tendered amount of the 1st lowest is more than the estimated amount and also beyond the powers of my acceptance. I am submitting herewith the two tenders along with the comperative statement, & You are, therefore, requested to move Government to accept the lowest tender at an early date.

D.A. 2 Tenders
1 C.Statement.

RSSK:14/5.

Public Health Engineer
to Government.

Copy forwarded with compliments to the Executive Engineer, Karnatak Sanitary Division, Dharwar, with reference to his No.A-1-A/2435 of 5-5-1949 for information.

6250/36/34325.

6

Letter.

No. 6250/36-N.

P. W. D.

B.C., 15th June 1949

To

The P. H. E. to Govt.

Sub:- Constructing purification Works at Kanvikonna for Tenders for the

The two tenders refd. to in your letter No. A-1-5/4913, dt. the 13-5-49, have not been received in this offices along with other documents. You are therefore requested to forward them urgently.

By order etc.

Dft Nil

me
11-6-49.

17/6/49

11/6

14-6-49

5

No. A-1-5/5915 of 1949,
Poona 1, 11th June 1949.

To

The Secretary
to Government, Public Works Department,
Bombay 1.

Sub:- Constructing Purification Works
at Kanvihonnapur - Tender for the -

Reference is invited to this office No.A-1-5/4913, dated the 17th May 1949, and request you to move Govt. to accept the lowest tender at an early date, please.

Public Health Engineer
to Government.

D.A. Nil.
DWK/8-6-49.

Copy forwarded with compliments, to the Executive Engineer, Karnatak Sanitary Division, Dharwar, for information, with reference to his letter No.A-1-A/3040, dated 4-6-49.

6250/36
38793.

M.B.

P. W.D.

The P. H.E. to Govt. has been requested in G.L. at p. 3 ante to forward the tenders refd. to which have not been recd. with this letter at p. 1 ante.

Await.

23/6/49

Karve
25/6/49

M.B. 15/6

6250/36.

38793

-9- 7

No. A-1-5/ 6377 of 1949,
Poona 1, 21/57 June 1949.

To

The Secretary to Government,
Public Works Department, Bombay.

Sub:- Constructing Purification Works at Kanvihonnapur - Tenders for the -

Reference: G.L.,P.W.D. No.6250/36-M, dated 15-6-49.

2. The two tenders in question and the Comparative statement, were the accompaniments to this office letter No.A-1-5/4913, dated 17-5-49. This letter and its accompaniments were despatched by "Register Parcel Post", receipt bearing No. 641 of 18-5-49 (enclosed) herewith for your perusal. Along with above letter, the following Nos. were also despatched - 4929, 4931, 4944, 4914, 4928 and 4927. Therefore, I request you kindly to make a search in your office and let me know the result early.

xx
Public Health Engineer
to Government.

D.A. 1 Receipt.(To be returned)
DWK/21-6-49.

MBL.
6250/36
40845

H

Copy of letter No. 49, dated 25th June 1949, from M/s S.A. Nadgauda, Engineer & Contractor, Sadashiv, Poona-2, addressed to the Executive Engineer, Karnatak Sanitary Division, Dharwar, and copy to this office, regarding Tender for Purification Works at Kanvihonnapur.

"With reference to the above tender I have not heard anything about the acceptance or rejection of my tender.

It is about two months since the tender is submitted and due to the suspence I cannot take any other work in hand unless this work is decided. I have unnecessarily to maintain establishment and I am put to loss.

My tender rates are based on the conditions prevailing at the time and now the rates are going up due to new works and prospects of new works round about. This will be evident from the new tenders received.

I have to request you, therefore, to decide about the tenders atleast before the first week of July or to grant me an increase of 10 (ten) per cent over my rates if the tender is not accepted before the above date. Any delay in deciding will not be binding on me any way."

TRUE COPY

Head Clerk to the
Public Health Engineer
to Government.

DGG/28.6.49.

EXPRESS .

No. A-1-5/6602 of 1949.

Poona-1, 28th June 1949.

To

The Secretary to Government,
Public Works Department,
Bombay.

Subject:- Constructing Purification Works at Kanvihonnapur - Tenders for the ---

Reference: This office No. A-1-5/6377, of 21-6-1949.

2. Government sanction to the acceptance of the lowest tender may kindly be accorded early as otherwise due to the longivity of duration between the date of tendering and the actual date of acceptance, the Contractors are likely to apply for revised rates. A copy of letter No. 49, dated 25-6-1949 from S.A. Nadgauda, whose tender is the lowest is sent herewith for information of Government.

3. Early orders are requested in the matter.

Public Health Engineer
to Government.

D.A. 1 letter.
DGG/28.6.49.

Copy forwarded with compliments to the Executive Engineer, Karnatak Sanitary Division, Dharwar, for information.

-oOo-

MB25/6

0250/36
42641

6250/36/42641

M.B.

Submitted together with Serial No. 40405.

2. The S.E. has submitted the under-mentioned two tenders for the work of constructing purification works at Kasvikonapur, estimated to cost Rs. 4,37,928/-, which is a part of the Neersagar water supply scheme for Dharwar and Hubli, costing Rs. 1,40,97,188/, He requests that the lowest tender of M. Nadgauda may be accepted. - The usual printed B2 forms were not received along with the tender documents. The Ex. Engr., Karnatak Sanitary Div. however, has issued the tenders on typed forms to the contractors.

Name of the contractor.	Tendered Amt.	Excess over the estimated amt.
1) M/S. S.G. Phadke & Sons, Bombay.	Rs. 6,32,817	44.5%
2) Mr. S.A. Nadgauda	Rs. 5,79,804	32.4%

3. Perusal is requested of copy of M Nadgauda's letter at p. 11 ante. He requests that his tender may be accepted before the first week of July, if not, he to grant him an increase of 10% over his rates. In these circumstances it is for consideration whether the lowest tender of M Nadgauda may be accepted after ref to the F.D. That Deptt. may be requested to treat this case as immediate.

-Thro. AB(II) & DE (PH).

27/6.

(P.T.O.)

AHS(II)

4. An allotment of Rs. 19,00,000 has been placed at the disposal of the P.H.E during the current year under the head "70- Capital Outlay on P. H." for the Veersagar Water Supply.

DE. (P.H)

5. The tenders sent by the P.H.E. for approval of Govt. are for the Purification Works at Kanvinhanapur consisting of- (1) Chemical House (2) Aeration Fountain & Channel (3) Flocculating Chambers (4) Masonry clarifier (5) Filter House & (6) Pure water reservoir. The estimated amount of these works is Rs. 4,37,928/- and the lowest tender of Mr. S.A. Nadgouda, Contractor is exceeding the estimated amount by Rs. 1,41,876/- (32.4%). From the comparative statement, it is seen that the tendered rates for the various items of work are higher than the estimated rates which are based on the Govt. orders directing to adopt 1938-39 rates increased by 100%. The rates quoted in general appear to be reasonable, looking to the present day market conditions. The lowest tender of Mr. Nadgouda Contractor, may therefore be accepted and the P.H.E. informed by an intimation to that effect.

A

15

Consideration 1st

4-7-49

As at A in para 5 on the prec. page. The P.H.E. may in the meanwhile inform M/s. Nadgauda the contractor that his tender is being considered for the tendered rates & that final and formal orders will issue shortly.

4-7-49

Secy (I)

What is happening to the main case of tenders for the earthen dam. Unless the dam is done, what is the good of ~~carrying~~ accepting of tenders for ~~out~~ purification works. I understand that PHE has proposed rejection of the two tenders received for the earthen dam. If that is so will it not be the case of too much hurry to carry out purification works first.

4/7/49.

4/7/49

6250/36/42641.

M.B.

Resubmitted with ref. to the Secy (I)'s note overleaf.

2. The main case re tenders for the earthen dam and allied works at Dhumwad are put up below. The papers underlying the G.L. No. 6250/36-N, dt. the 22-5-49, refd. to by the P.H.E. in his letter dt. 21-5-49, which are required for the disposal of that case are under issue to the R.D. since 19-5-49 and have not still been received back and hence they are awaited vide O.N. dt. the 2-7-49 on the other case.

The Dy (PH)

* File No. 6250/36
G.L. 6250 (for reference)

o p. 5 of file No. 6250/36 G.L. 5 (for reference)

□ p. 13 -do-

one
4-7-49.

3. In view of the Secy (I)'s instruction on pre-page the P.H.E. may be informed, if approved that the decision in connection with the tenders for the purification works could only be arrived at, after the case of the main work- construction of the earthen dam and its allied works is settled.

The R.D. may be requested to return the papers mentioned in para (2) above, as it is month and a half since the papers are referred to it, by.

As in para 3 above
5-7-49

5-7-49

Secy (I)

6.7.49

N.B.
R.D. expedite
No. 6250/36/42641
on
6/7/49.

6250/36/4264 1.

Ø.W.S.

M.B.

Resubmitted with a draft for approval.

14-7-49.

14-7-49

6250/36/42641

78

Letter.

No. 6250/36-M. P.W.D.

B.C., 15th July 1949.

15

To

The P. H. E. to Govt.

Sub:— Constructing purification works at Kanchanapur - Tenders for the —

Ref: Correspondence ending with your letter No. A-1-S-/6602, dt. the 28.6.49.

2. Govt. considers that the question re. the tenders for the purification works at Kanchanapur may be kept-pend till the decision in respect of the tenders for the main work viz. Construction of the earthen dam and its allied works is arrived at.

3. The tenders for the above-mentioned work have already been received with your letter No. - Dft receipt. A-1-S-/4913, dt. the 12-5-49. The postal receipt received with your letter No. A-1-S-/6377, dt. the 24.6.49 is returned herewith as desired by you.

By order, etc.

14-7-49

14/7/49

With D.A.
16/7/49

Dft. 30/6/49

21

No 8180

VERY URGENT.

Office of the
Public Health Engineer
to Government,
Poona 9th August 1949.

Dear Gurjar,

Reference - My No.S.W.3.27/8071 dated 5-8-49.

Please refer to the correspondence on the subject of the construction of the Earthen dam work for Neersagar Water Supply Scheme ending with my number quoted above. During my last discussion with you, I understood that Government agreed to cancelling tenders for the earthen dam already sent to Government, but upto now orders of Government are awaited. I find in the Press criticism for delay in execution of this Scheme and it is desirable that we should have fresh tenders settled before October next so that actual start can be made during next working season.

Have these tenders not been rejected I am PHE inform about the same. If not inform him at once 10/8/49

As it is agreed that Neersgar Scheme is the only possible solution to the water supply problem of Hubli and Dharwar, I would also request you to return very early the tenders for Purification works accepted by Government so that these works can also proceed.

Yours Sincerely

To
N.P.Gurjar,Esqr.,I.S.E.,
Chief Engineer & Secretary
to the Government,
Public Works Department,
BOMBAY.

22

M.B.
1918

Call No. 6 250/36

Serial No. 52465

M.B.

Resubmitted with ref to the G.L. at f. ante.

2. Perusal is also requested of para 6 of the P.H.E's letter at f. of file No. 6250/36/S-1726, put up as a linked case No. I. He requests Govt's orders on the tenders for the purification works at Kanvihonnapur in respect of Neersagar Water Supply scheme. The P.H.E. has already been informed vide the G.L. ref. to above, that the question re. tenders for the purification works will be considered after the final decision in respect of tenders for the Earthen Dam and its allied works at Dharwad is arrived at. It appears that he must have lost sight of the G.L. in question. As regards the tenders for the Earthen dam etc, it has been decided on file No. 6250/36/42642, put up as linked case No. II, that the tenders being too high should be rejected and the P.H.E. may be asked to reinvite fresh tenders. He is being informed accordingly on that file. No.

3. In accordance with the secy (PD)'s note at f. ante and in view of the decision taken in respect of Earther dam and its allied works at Dharwad, the lowest tender of Sri. Nadgauda for purification works at Kanvihonnapur cannot be accepted.

In -

In these circumstances, it is for consideration whether the tenders in question may be returned to the P.H.E. to Govt. with a request to forward them at the time of submitting the fresh tenders for the Earthen Dam and its allied works at Dhunwati, to Govt.

One
9-8-49.
To The P.H.E. in the concluding portion of his
p.21 ante
D.O. dated 9-8-49 to the Secretary (I) has again requested Govt. to accept the tender for the purification works. It appears from this that the lowest tenderer has still kept his tender open for decision of the Govt. The P.H.E's request is submitted for orders.

Sd/A
10-8-49 It appears from the D/O at p. 21 that the P.H.E. has discussed the question of the tenders for both the Dam and the Purification works personally with the Secy (I). after the orders regarding the tenders for the purification works were issued in the G.L. on p. 20. Instructions to reject all the tenders for Dam are being issued separately. It is for orders whether any change is necessary in the decision on the tenders for the Purification Works as the result of the personal discussion

Secy (I). 11-8-49

I think the tender for purification work should also be rejected as it is no use having purification works four years in advance of the completion of the tanks. The point specified by the Contractor has also elapsed.

12.8.49

M.B.

Resubmitted with a draft for approval, with ref. to secy (T)'s orders above.

one
10.8.49.

16-8-49

6250/36/42641.

No. 6250/36-M. Letter. P.W.D.

Dated, the 11 August 1949.

To

The S.E. to Govt.

Sub:- Construction of purification works at Kanchanpur - Tenders for

Ref:- Correspondence ending with your D.O. No. 8180, dt. the 9-8-49, to Mr. Gurjar.

2. The tenders for the purification works at Kanchanpur, forwarded with ... letter No. A-1-S-/4913, dt. the 12-8-49 should be rejected as it is no use having purification works four years in advance of the completion of the dam. Your attention is invited to C.E. of even No. dt. the 12-8-49 in which you are instructed to reject the tenders for the earthen dam and its allied works at Dhamwad.

3. Two tenders and the comparative statement received with your letter refd. to in para 2 above are forwarded herewith. returned

D/A tenders and Compara'e Statt.

By order etc.

13.8.49

16-8-49

16/8/49

Letter.

No.6250/36-M. Public Works Department,
Bombay Castle, 16th August 1949.

To

The Public Health Engineer to Government.

Subject:- Construction of purification works at Kanvihonnapur: Tenders for -.

Reference: Correspondence ending with your D.O.No. 8180, dated the 9th August 1949, to Mr.Gurjar.

2. The tenders for the purification works at Kanvihonnapur, forwarded with your letter No.A-1-5/4913, dated the 17th May 1949 should be rejected as it is no use having purification works four years in advance of the completion of the dam. Your attention is invited to Government Letter of even number dated the 12th August 1949 in which you are instructed to reject the tenders for the earthen dam and its allied works at Dharwad.

3. Two tenders and the comparative statement received with your letter referred to in paragraph 2 above are returned herewith.

By order of the Governor of Bombay,

Under Secretary to the Government of Bombay,
Public Works Department.

2
VM.
16/8/49.

D.A.-Tenders and comparative statement.

RECEIVED
DA
on 17-5-49

list

Accompaniments to this office letter No.6395 dated 21-6-49

(a) 1 Tender from Doddanavar Bros. 122 pages with 1 forwarding letter.
1 letter regarding Percentage reduction.
1 Chalan Rs. 36,000/- (Retained in Executive Engineer, Karnatak Sanitary Divn's Office).
1 Solvancy Certificate from M/s Belgaum District Co-operative Bank.
1 Certificate from the Executive Engineer, Belgaum Minor Irrigation Division.

(b) 1 Tender from M/s Hindustan Construction Co., pages 122.

1 forwarding letter in 5 sheets.
1 Chalan Rs. 36,000/- (Retained in Executive Enginner, Karnatak Sanitary Divn.'s Office).
2 Lists of major works carried out by the company.(3 sheets)
1 Plan of section of trench showing shoring.

(c) Letter from M/s A.T. Brijpaul Sing & Bros., Poona-5.

(d) Comparative statement.

Ramaswamy

xx HC
Public Health
[redacted] to Government,
Poona.

By Regd Post

3

No. A-1-51/6545 of 1949.

Poona 21st June 1949.

To

The Secretary to Government,
Public Works Department, Bombay.

Subject :- Neersagar Water Supply Scheme.
Tenders for the Dam and allied works at Dhumwad.

Reference - Government letter, Public Works Department No. 6250/36-M dated the 22nd January 1949.

2. Tenders for the Earthen dam and allied works at Dhumwad in connection with the Neersagar Water Supply Scheme for Hubli and Dharwar were invited by giving wide publicity in the papers. Only four tenders were sold out, of which only two were received completed, while one firm - Messrs. A.T. Brij Paul Singh & Bros.,Poona 5 had sent in only a letter saying that if Government agrees to negotiate, they will be able to undertake the work after purchase of necessary machinery for which Government should give necessary license. I have discussed this question with the representative of this firm and I do not feel that this company would be able to undertake this work as the idea seems to be to ask for permission to purchase a large amount of machinery from foreign country, and I am afraid the Government of India will not agree to this. Thus the tender has got to be confined between two contractors - one Messrs. Hindustan Construction Co.,Ltd., and another Messrs. Doddanavar Bros. Belgaum. The former is a well reputed firm while the second has not to my knowledge carried out any important work in my Circle and I have no knowledge of the working of this firm. From the comparative statement enclosed, it will be seen that against an estimated cost of Rs. 34,31,463/-, Messrs. Hindustan Construction Co.,Ltd., have quoted Rs.91,17,136/- (i.e. 166% above the estimated cost) and Messrs. Doddanavar Bros. Rs. 73,34,218/- (i.e. 114% above the estimated cost). On a study of the rates quoted by the firms, I find that those quoted by the lowest tenderer ~~or~~ are much in excess of the prevailing rates and it seems the contractor has made large provision for future contingencies, as the work will have to be continued for the next four years. In view of this I do not consider the rates reasonable.

3. I,therefore, suggest that these tenders should be cancelled by Government and I should be authorised to re-invite fresh tenders to see if we can obtain reasonable working rates from competent selected contractors. From the ~~Ne~~. response received for the public advertisements it appears that big contractors who are competent to undertake this job, feel rather shy to take up long term work. When the tenders are re-invited, the contractors will be properly contacted and a trial will be made to secure as competetive rates as possible. Even in spite of this, if the rates quoted by the contractors are found to be higher than the prevailing rates, the question of undertaking the work departmentally will have to be considered. I can take up this work departmentally if Government would kindly agree to loan the services of two competent Engineers of B.S.E.Class II who have experience in dam construction and who may be working at present under the Superintending Engineer, Deccan Irrigation Circle.

Public Health Engineer
to Government.

D.A.~~Nil~~.(as per list)

Copy forwarded with compliments to the Executive Engineer, Karnatak Sanitary Division, Dharwar for information, with reference to his No. A.1.A/3099 date 10th June 1949.

MB. 24/6

a-ee

6250/31

41169

S. T. No. T. A. 160

DODDANAVAR BROTHERS,

Govt. Contractors and Timber Merchants,
Near Fort, BELGAUM.

Ref. 884/49. *Date* June. 20. 1949.

Subject: Tender for Neersagar Dam Works.
Acceptance of - - - - - - - - - - - -.

The Executive Engineer,
Karnatak Sanitary Division.
DHARWAR.

PUBLIC HEALTH ENGINEER
Inward No. 12197
24-6-49

Sir,

We are very eager to know the decision of the Government in respect to the acceptance of the tender for the above said work for which we tendered on 1st. June. 1949. Our tender cost was considerably (by 22%) lower than that of The Hindustan Construction Co,, as our rates had been worked out on the present day cost of materials and labour which is usually four times the pre-war cost. This rate compares well with number of works sanctioned in this region.

As we have not heard so far anything about the decision of Government in respect of this work-tender, we are very anxious about the same for the following reasons:

1. Since we have not quoted reduction in our tendered rates on account of the use of the Govt. Machinery that made available, we feel that the responsibility of procurement of requisite machinery will fall on us. In that case we have to make necessary arrangements for the procurement of the said machinery well in advance so as to put them on works as early as possible during the first working season.

Contd.....2.

S. T. No. T. A. 160

DODDANAVAR BROTHERS.

Govt. Contractors and Timber Merchants,

Near Fort, BELGAUM.

Ref. 884/49. *Date* June.20.1949.

Subject Continuation Sheet.2.

2. We have got to make preliminary arrangements for labour camp and allied requirements which may take about two.months before we can start the work at scheduled time.

3. In view of number of works in progress and are likely to be started round about Dharwar, Hubli and Belgaum it is impossible for any agency, whether private or Government, to control the continuously and steeply rising cost of materials and labour which fact will undoubtedly affect the total cost of the work considerably as days pass by.

4. Finally the most important factor which matters much to us is that we may get ourselves interested in number of major works in Karnatak for which tenders are being called for till the decision of Government in respect of this work is made known to us early - preferably before the 1st.July 1949.

We strongly hope that you will please appreciate our difficulties and take into consideration the above factors for moving the Government for favour of taking early decision in the matter.

Yours Faithfully,
for Doddanavar Brothers;

cc.to, W.Cs:-
The Chief Engineer in
the Public Health Dept.
Bombay. for favour of
kind consideration.

49.

No. 6557 of 1949.

Poona 27th June 1949.

From:-

S.E.Wadia, Esqr.,B.E.,A.M.I.E.,M.R.San.I.,
Public Health Engineer to Government, Poona 1.

To

Doddanavar Brothers,
Government Contractors & Timber Merchants,
Near Fort, Belgaum.

Subject :- Neersagar Water Supply.
Tenders for Dam and allied works.

Dear Sir,

Reference - Your No. 884/49 dated the 20th June 1949.

2. The question has been referred to Government and their decision will have to be awaited. As soon as Government orders are received in the matter you will be informed.

Yours faithfully,

S.E.Wadia

Public Health Engineer
to Government.

D.A.Nil.
SLP/27-6-49.

Copy forwarded with compliments to the Secretary to Government, Public Works Department, Bombay for information with reference to this office Nol A.1.5/6395 dated 21st June 1949. A copy of the firms letter intended for the Chief Engineer (Irrigation) is enclosed for further consideration.

2. Early orders of Government on my No. quoted above may please be issued.

D.A.one,

Copy forwarded with compliments to the Executive Engineer, Karnatak Sanitary Division, Dharwar for information.

~~124~~ 67

G250/36/II/33401
P W D

M.B

The R.D. expeditious under N.O.R. No G250/36/E/33401 No one dated the 16th June 1964 Regr. Alignment of 27" rising main from Dhumwad to Kanvihonapur - Naersagar Water Supply Scheme - Land acquisition

20/9/64

16/6/64

16/6/64

16/6/64

16/6/64

16/6/64

6250/36
42225.

P. W.D.

M. B.

Submitted together with S. No. 41169.

2. The main papers have been refd. vide to the R.D. on 19/5/49. Their may be awaited.

1/7/49.

2-7-49

M.B.

The R.D. expedited under No. 6250/36 M dt. the 6th July 1949.

6/7/49

6250/36/42285

P.W.D.

M.B.

Resubmitted with ref to this o.N. at f.12 ante. File No. 6250/36 M; V, required for the disposal of this case has been received from the R.D. and is put up as a linked case.

2. Pl. see G.L. No. 6250/36 M, dt. the 12.2.49. The draft tender for the earthen dam and its allied works at Dharwad, estimated to cost Rs. 36,03,400/- submitted by the P.H.E. to Govt. was sanctioned vide the G.L. ref. to. The P.H.E. has now forwarded two completed tenders received from 1) M/s. Hindustan Construction Co, Ltd; amounting to Rs. 91,17,136/- and 2) M/S. Goddanavar Bros of Belgaum, which amounts to Rs. 73,34,218/- ~~The P.H.~~ He states that the tenders were invited publicly. Out of the four tender forms issued only two firms mentioned above, submitted their tenders duly completed, while the third one M/s. Brij Paul Singh & Bros. informed the ~~P.H.E~~ that if Govt. agree to negotiate, they would be able to undertake the work after purchase of necessary machinery for which Govt should issue the requisite license. The P.H.E. accordingly discussed with one of the representative of that firm in the matter but is not inclined to accept the views of the firm. About the two-

two tenders mentioned above, the S.H.E. states that though the tender of M/S Doddanvar Bros. is the lowest, they have not carried out any important work in his circle and as such he has no knowledge of the working of the firm. Moreover he observes that the rates quoted by this firm are much in excess of the prevailing rates and it seems that the contractor has made large provision for future contingencies, as the work will have to be continued for the next four years.

3. In view of the above, the S.H.E. ~~states~~ suggests that both the tenders cited to above may be cancelled and he may be authorised to re-invite fresh tenders to see if reasonable working rates from competent selected contractors can be obtained. He further states that if even in spite of that if the rates quoted by the contractors are found to be higher than the prevailing rates, the question of undertaking the work departmentally will have to be considered and in that case the services of two Competent Engineers of B.S.E class II, experienced in dam construction and who may be working at present under the S.E.B.C., will have to be loaned to him by Govt.

4. In the circumstances explained above, it is for orders whether

1) The lowest tender of M/s. Doddanavar Bros may be accepted

or

2) Both the tenders may be cancelled as suggested by the P.H.E. and he may be authorised to re-invite the fresh tenders

or

3) The P.H.E. may be instructed to undertake the work departmentally.

Thro. AB(II), EB(I) DE (P.H.)

1st Lowest 27/7/49 27-7-49.

5. The draft tender for the work of the construction of an Earthen Dam and its allied works at Neersagar, costing Rs. 36,03,400/- was approved by Govt. under G.L. P.W.D. no. 6250/36-M dated 22nd Feb. 1949. On account of very restricted supply of cement, instructions were issued by the P.H.E. to call rates for alternate items using lime in place of cement, while calling for tenders. He has accordingly done so. The use of lime has resulted in reduction in the estimated cost which now works to Rs. 34,31,463/-.

For this work - (1) M/s The Hindustan Construction Co. and (2) M/s The Doddanavar Bros. have submitted tenders which amount to Rs. 91,17,136/- (166% high) and Rs. 73,34,218/- (114% high) M/s The Hindustan Construction Co. have put up a number of conditions and have

have stated that they will start work in January 1950, even the tender is now approved. The percentage reduction agreed by this Co. is 1.25% only in case special tools and plant are supplied by Government. This can be considered as negligible, in view of the while preparing the scheme high rates tendered. The estimated amount is worked out with 1938-39 rates of the Diarwar Division increased by 10% as per standing orders of Govt. The lowest tender of M/s. De Souza & Bros. will therefore be about 33% higher over the 1938-39 rates. From perusal of the comparative statement it will be seen that the rates quoted by the contractors are abnormally high compared with the prevailing rates which have moved up in the post-war period. Acceptance of this unreasonably high tender will effect in the increase in the Functional cost of the scheme appreciably and in turn will enhance the guaranteed rate - of Rs. per 1000 gallons for supply of water to - recommended by the Municipalities. The Chief

Officer

~~2+49~~

appears no reason to believe that the rates will go still lighter than the present in coming 3-4 years, as presumed by the Contractor. Govt. may therefore cancel these tenders and direct the P.H.E. to recall them. This may be done by negotiations, if necessary. Failing to obtain reasonable rates for the second time also, the work will have to be taken up departmentally.

2-8-49

Both the tenders are very high, being 166% & 114% above the estimate, and may be rejected. The P.H.E. may be asked to re-invite tenders.

3-8-49

Seen (9).

Both the tenders should be rejected and fresh tenders be reinvited

Seen 9/

3.8.49

Copy

Original in file No. S-181/8/43436

Secy.(I)'s note dated 1-6-49.

The proposal may be agreed to. The type of Earth moving machinary is usually stated in working hours and not so many years.

2. It was unwise to have mentioned in the specifications that earth moving machinary will be supplied by Govt. This might create trouble.

Id/-N.P.G.
1-6-49.

Secy.(I)'s remarks at (page) above (ante,' should be brought to the notice of the P.H.E. while passing orders on the tenders for the work of the dam.

Id/-K.D.K.
29-7-49.

Id/-N.P.G.
29-7-49.

LBW/29/7

6250/36/4225.

M.B.

Q.M.G.

Resubmitted with a draft for approval, with ref. to the Secy. (S)'s orders on f. ante.

2. The P.F.F. to Govt. may also be informed as per the Secy (S)'s instructions overleaf.

10/8/49.

—Mil. Cons. to DE (Path.)

me
10-8-49.

10-8-49

11-8-49

6250/36/42225.

No. 6250/36-M. Letter P.W.D.

B.C, 11-August 1949.

12

To

The P.H.E. to Govt.

Sub:- Neeragan water supply scheme.
Tenders for the dam and its allied works at Dharwad.

I am directed to inform you that the tenders of M/s. Hindustan Construction Co, Ltd. and M/s. Doddanavar Bros of Belgaum, for the work of Construction of the Earthen Dam and its allied works at Dharwad, forwarded with your letter No. A.1.5-/6395-, dt. the 21 6 .4 should be rejected as the tendered amounts are very high, and You are requested to invite fresh tenders for the said work.

2. It was not desirable to have mentioned in the specifications that earth moving machinery would be supplied by Govt. Such Commitments should not therefore be made while inviting the fresh tenders to be invited by you

(which might have created trouble.)

D.A. Tenders, letter & Corrections Statt.

3 The two tenders refd. to above and the other documents received with your letter are returned herewith.

Yours obedt etc

me 10-8-49

11-8-49

Secy (P)

12.8.49

27 111

Letter.

No.6250/36-M.

Public Works Department,
Bombay Castle, 12th August 1949.

To

The Public Health Engineer to Government.

Subject: Neersagar Water Supply Scheme:
Tenders for the Dam and its
allied works at Dhumwad.

.....

I am directed to inform you that the tenders of Messrs. Hindustan Construction Company, Limited, and Messrs. Doddanavar Brothers of Belgaum, for the work of construction of the Earthen Dam and its allied works at Dhumwad, forwarded with your letter No.A.1.5/6395, dated the 21st June 1949, should be rejected as the tendered amounts are very high. You are requested to reinvite fresh tenders for the said work.

2. It was not desirable to have mentioned in the specifications that earth moving machinery would be supplied by Government which might have created trouble. Such commitments should not, therefore, be made while inviting the fresh tenders.

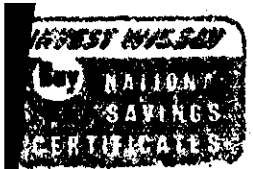
3. The two tenders referred to above and the other documents received with your letter are returned herewith.

By order of the Governor of Bombay,

For Secretary to the Government of Bombay,
Public Works Department.

D.A.- Tenders, letter
& comparative statt.

GJP.



29

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By

O OF BELGAUM F 18 35 HONBLE DOCTOR JEEVRAJ MEHTA P W D MINISTER BOMBAY

TO

Rec'd. Time of H. M.

PLEASE GIVE US OPPORTUNITY TO DISCUSS WITH YOU OUR NEERSAGAR DAM TENDER

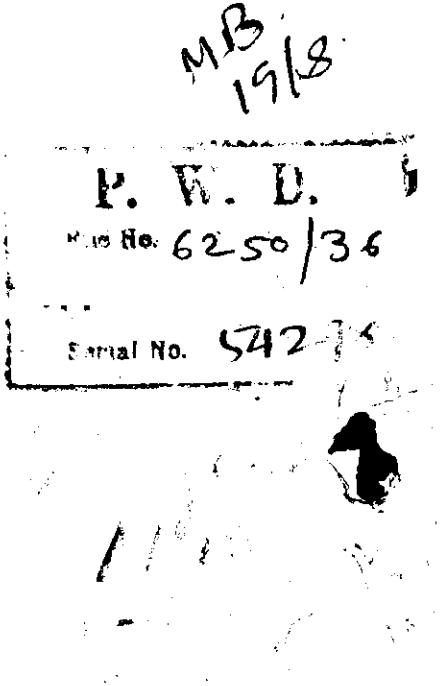
RATES INTIMATE TIME AND DATE DETAILED APPLICATION SENT THIS DAY =

DODDANAVAR BROS =

N.B.—The name of the Sender, if telegraphed, should be written after, but separated from, the text.

M 617 Ah—1268—26-10-45—1,25,000 Sheets.

Asstt Secretary
18/8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O OF BELGAUM F 18 37 GURAJAR ESQ CHIEF ENGINEER P W D GOVT OF BOMBAY BOMBA

TO

= PLEASE GIVE US OPPORTUNITY TO DISCUSS WITH YOU OUR NEERASAGAR DAM TENDER

RATES INTIMATE TIME AND DATE DETAILED AIPLICATION SENT THIS DAY = DODDANAVAR BRO

N. B.—The name of the Sender, if telegraphed, should be written after, but separated from, the text.

M G I P. A.—1366—30-10-46—1,25,000 Bks.

MB-2

P. W. D.
File No. 6250/88
Serial No. 54669

6250/36/54269

M.B. P.W.O.

Submitted together with Serial No. 54298 and with ref. to the H.M.P.W.D's minute at: f 27 ante.

2. The necessary table at f 26 is put up for approval.

ME
20.8.49.

20-8-49

250/36/5469. 24

No. 6250/36 M. P.W.D.
B.C., W Augusta
22

To

M/s. Doddanavar Bros.
Contractors & Engineers,
~~Belgaum.~~
Near Fort, Belgaum.

Sub:- Neelagar water supply scheme;
Tenders for the construction
of the earthen dam and
its allied works at Dharwar.

Dear Sirs,

With ref. to your telegrams dt. 11.7.31
the 18-8-49, addressed to the H.M; P.W.D. and
the Secy. to Govt. (P.W.D.) Secn., Bombay, on
the subject mentioned above, I am directed
to inform you that Govt. has rejected all
tenders for the work of construction of the earthen
dam and its allied works at Dharwar
and has instructed the P.W.E. to Govt.
to reinvite fresh tenders therefor. I am
therefore to state that no purpose would be served by coming over here for personal discussion in the matter.

Yours faithfully

Issued
21/8/49

Dt Nil.

no. 8 leg.

21/8/49

22/8/49

From:- M/s. Doddanavar Brothers;
Contractors & Engineers.
Near Fort. BELGAUM.

To:- The Chief Engineer,
Government of Bombay.
BOMBAY.

Subject:- Acceptance of Tender for Neersagar - Dam and allied works. Economics of -

Sir,

If you have by this time the relevant papers in connection with the tenders called for the above said work on 1st. June. 1949, you may have noted that our tendered cost for the work is less than that of the long standing firm like Hindustan construction Co. by Rs.16 Lacs. We are not boasting when we say that it is for the first time in Karnatak a Local Firm has ventured to go in for the only biggest project at hand in this region. But we would like to bring to your notice that while tendering for the work we have tried our best to be as reasonable in our rates as is consistant with our investment and labour, which can be seen from the fact that a firm like - Hindustan Construction Co. an oldest one in the field with vast financial resources, backed by experinced technical hands and with all resources of machinery has quoted Rs. 16 lacs higher than our quotations.

Such an experinced firm with experinced Civil - Engineers must have worked out the details of rates in regard to each and every item of the work. Definitely they have not put in the figures without considering the local condition of labour and material. Being a local firm, we have had the advantage of studying all the factors affecting the work with full knowledge in the matter of labour and materials, and thus it has been possible for us to quote working rates more reasonable than that of Hindustan - Construction Co. Apart from the reasonable or otherwise of the rates tendered by the two firms, we have here below worked out actual working rates for some of the major items

.....2.

items in the tender taking into consideration the local labour conditions and material costs. Out of the margin over the working rates, we have to allow for our staff expenditure, interest on investment and income-tax.

In regard to the use of machinery proposed to be supplied by the Government at a cost of about Rs. 6,75,000/- no firm can agree even to take the machinery on conditions laid down by the Government.
(1). The Government does not take the responsibility for the supply of spare parts and expects the firm to make arrangements for the necessary procurement as though the parts are manufactured in India and are made available at the required time. The total working rate and idle days together with the interest of 6% on the deposit of Rs. 67510/- to be paid by the firm works out at Rs.670364/- at the end of the Forth working season as against the total approximate cost of Rs. 6,75,000/- for the machinery. In addition the firm has to maintain the machinery in working condition and return them in good order after the close of the work. That may involve the firm to the extent of nearly Rs. 2 lacs approximately apart from the working cost. Thus any firm intending to use the Government machinery will have to set apart about Rs. 9 lacs on this item only compared to the estimated cost of Rs. 36 lacs. Thus 25% of the work cost is covered by the item of machinery alone. The use of such machinery to such an extent even by the Government if the work is taken up departmentally is bound to be definitely uneconomical. For these reasons it was not possible for us to quote any percentage reduction in the cost, apart from our unwillingness to use the Govt. machinery on conditions laid down by the Govt. When on the face of it, we find it quite uneconomical to use the machinery, we don't give here the comparative cost of different items in the event of using the machinery. Before we come to the conclusion that it is unecomomical to import the machinery and use it, we have fully ~~xx~~ studied the working of the said machinery and the necessary equipment on Gangapur Dam work (similar in nature to Neersagar Dam) which is being done departmentally. We are sure that even the Govt. will definitely come to the same conclusion if they later on compare the actual working cost as against the estimated cost after taking into consideration the following facts:-

.....3.

(1). Initial investment on the machinery and interest thereon.
(2). Maintenance charges including the cost of workshop and the staff.
(3). Difference in the initial cost of the machinery and the cost of the machinery after completion of the project. We don't mean here the depreciation charges which is only a procedure, clearly we mean the market value.

In fact even now, when sufficient work has been done on Gangapur Dam, the Govt. may work out the rates and get convinced. Such an action is only possible by Govt. and not by any firm in as much as most of the machinery will be practically scrap for the firm after completion of a project unless it has series of such works in hand. Whatever advantages (such as speedy progress and less dependance on labour) the use of machinery may have, but they are outweighed by the financial aspects. Any way the time factor is binding on the contractors whether they use machinery or not. Finally we may please be enlightened with the view of the Govt. in regard to the economics of the use of the machinery with facts and figures, so that we may correct ourselves and make use of that valuable information for other works if possible in future.

We now deal with the working costs of some of the major items of Neersagar Projects for your consideration. It may please be noted that the tendered cost and the estimated cost have absolutely no bearing on each other, so long as the estimate is not framed on the actual working costs taking into consideration the present day local labour problem, and material cost. Tenders have been called and accepted in large number of major works going on in the province. A general statement of the same will give a general idea as to how the tendered costs compare with the estimated costs. We have been most reasonable in our rates as can be seen hereafter, considering the actual labour shortage in the Neersagar locality and the material costs which have been continuously rising in view of large number of major works centered around Dharwar and Hubli.

.....4.

It may be a surpirse to note that the prices and wages prevailing in this area before the commencement of various Govt. works have now been doubled (and tribled in some cases) at present. This fact cannot be overlooked by a contractor while tendering for any work in future in that area. In fact, if Neersagar work had been taken first, the tendered cost could have been definitely far less than at present. Their unrestricted rise in wages and material costs will definitely affect the cost of project as time passes by unless Govt. abandon the Reconstruction Programme. As such we are very sceptical about the future, and are anxious to know the decision of Govt. in regard to the acceptance of tender as sufficiently long time i.e. nearly 2½ months have passed after the date of submission of tender. Naturally, you will please not expect us to be kept bound by our rates for indefinite period. We wish to make it clear to you that we may be forced to enhence our rates if our tender is not accepted early. Once having been interested in this work, we are not in a position to go in for other works also. Till the decision is taken, we are forced to remain idle in our contract field. We really did not expect such a delay. If it is in the interest of Govt. if it can be benefitted in any way by doing so.

Main items of extra work are as under:-

(1). Puddle Trenching .....2094981 Cft.
(2). Approach Tail Channel.....13867200 Cft.
(3). Puddle Filling.

Rate of Puddle Trenching.

Excavation to a depth of 20' (av.) in soil and murum including boulders and using the suitable stuff for embankment materials in casing of the dam with suitable proportion.

Please note that it is to be used for casing, it will have to be stacked away from the Dam seat with an average lead of about 400' and lift upto 20' for being used for casing after hearting is proceeded with on filling the puddle trench. Naturally, this will set and will have to be partially excavated for being used for casing.

.....5.

Local wages of a pair at present.

Rs. 3/8. per pair of coolies.

Excavation from 0' to 5' and stacking the stuff away from Dam seat with an av. lead of 400' and lift up-to 20'.	one pair.	Rs. 3- 8-0.
Do- - from 5' to 10'	two pairs.	Rs. 7- 0-0.
Do- - from10' to 20'	Four pairs	Rs.14- 0-0.
		Rs.24- 8-0.

avarage Rs. 8/4. per 100 Cft.

Partial excavation and using the stuff for casing with an average lead of about 200'.....	One Pair.	Rs. 3- 8-0. 100Cft.
Dressing and consolidating with watering.....		Rs. 0-12-0. 100Cft.

Total per 100 Cft.Rs.12/8. against the tendered rate of Rs. 10/- per 100 Cft. about 12% margin.

(2). Next big item is Approach Tail Channel.

Excavation in soil, soft and hard murum and casing the same for dam embankment if suitable with a lead of 2000' and lift in the excavation as well on bank with appropriate proportion including watering and consolidation.

Excavation	1½ pair @ Rs.3/8.	Rs. 5 -4-0.
Conveying water with a lead of about 4 flgs. (including lift).		Rs. 4 -8-0.
Breaking clods, spreading in 4" layers, watering and consolidation.....		Rs. 1 -0-0.per 100 Cft.
		Rs.10-12-0.100 Cft.

as against Rs. 12/- tendered rate margin about 12%.

Then we come to the item of puddle filling (2679920 Cft.).

Material for puddle filling to be brought with an average lead of about 4 furlongs for the whole length of the dam.

.....6.

as against the estimated rate of Rs. 18/- per 100 Cft. About a margin of 6%.

Remaining main items are masonry and concrete.

II sort masonry in lime for waste weir:-

including cement pointing.

		Per 100 Cft.		
Headers (Trap) local stones.	No.	30 @	Rs. 50/-	= Rs.15.
Face Stones.	No.	130.@	Rs. 30/-	= Rs.39.
Rubble Stones.(walls being all thick)	Cft.	75.@	Rs.20 /-	= Rs.15.
Lime.		20.@	Rs. 75/-	= Rs.15.
Sand lead 30 miles.		30.@	Rs. 50/-	= Rs.15.
				Rs.99.
Labour grinding chunh.....	Cft.	30.@	Rs. 10/-	= Rs. 3.
Masons charges		@	Rs. 25/-	= Rs.25.
Pointing.		@	Rs. 6/-	= Rs. 6.
Cement and sand		@	Rs. 2/-	= Rs. 2.
Watering and smithing etc.		@	Rs. - -	= Rs. 9.
Sundries.		@	Rs. - -	= Rs. 2.
				Rs.146.

as against Rs. 160/- i.e. a margin of about 12%.

Thus an average about 10 to 12 percent margin has been kept in our rates on the actual working cost. Out of this 12% we have to provide for the following items before we can expect any return on our investment.

.....7.

Main Items:- ... ... Income-tax which will be about 50% of the Net Income.

Supervision and Overhead charges.. ... ... 10%.

The net margin will be just about 40% of the 12% profits expected on the work, i.e., about 5% return on the investment of the firm. Without expecting at-least this much return no firm will go in for any venture at al

In taking up the work departmentally, the Govt. does not take into account the incometax that should be required to be paid by any other agency. At the same time the Central Government loses their annual income-tax.

Any way, Sir, if you are convinced with facts and figures that the work can be done at still lower rates (taking into consideration the income tax factor and the Departmental additional staff expenses), you may please do so either by recalling the tenders or by taking the works Departmentally. We only request you to relieve us from waiting too long for the decision of the Govt. in the matter which we hope will be decided immediately. Please note that our rates and the time factor are not binding on us, thereafter.

Further, we would like to make clear to you, that in the event of recalling tenders we would like to leave the field open to our Brother Hindustan Construction Co. or some such long standing firms, as we do not like to be locked in this work for over 3-4 months simply for the final decision of Government. Once we are out of the field, we hope it will be possible for the Govt. to take early decision in the matter of accepting tender after recalling and go ahead with the scheme for which the people of Dharwar and Hubli are eagerly waiting.

We are waiting for intimation of early decision of the Government.

Yours faithfully,

18-8-49

for Doddanavar Brothers;

Advance copy to:-
Hon'ble.Dr.Jeevaraj Mehata.
Minister for Public works
Department.Govt. of Bombay.

6250/36/54651.

M.B. — D.W.S.

In view of the G.L. at Bijauli, no further action appears to be necessary on this representation from M/s. De Adamavar Bros, Belgaum.

24-8-49

Secy (I).

25.8.49

P. W. D.
File No. 6250/36
Serial No. 54651

M B
20/8

Ref- 1

From :- M/s. Boddanevar Brothers,
Contractors & Engineers.
Near Fort. BELGAUM.

To :- The Chief Engineer,
Government of Bombay.
BOMBAY.

Subject:- Acceptance of Tender for Hiranyakeshi Dam and allied works. Economics of -

Sir,

If you have by this time the relevant papers in connection with the tenders called for the above said work on 1st. June. 1949, you may have noted that our tendered cost for the work is less than that of the long standing firm like Hindustan construction Co. by Rs.16 lacs. We are not boasting when we say that it is for the first time in Karnatak a local firm has ventured to bid for the only biggest project at present in this region. But we would like to bring to your notice that while tendering for the work we have tried our best to be as reasonable in our rates as is consistant with our investment and labour, which can be seen from the fact that a firm like - Hindustan Construction Co. an oldest one in the field with vast financial resources, backed by experienced technical hands and with all resources of machinery has quoted Rs. 16 lacs higher than our quotations.

Such an experienced firm with experienced civil - engineers must have worked out the details of rates in regard to each and every item of the work. Definitely they have not put in the figures without considering the local condition of labour and material. Being a local firm, we have had the advantage of studying all the factors affecting the work with full knowledge in the matter of labour and materials, and thus it has been possible for us to quote working rates more reasonable than that of Hindustan - Construction Co. Apart from the reasonable or otherwise of the rates tendered by the two firms, we have here below worked out actual working rates for some of the major items

.....2.

(1). Initial investment the machinery and interest thereon.
(2). Maintenance charges including the cost of workshop and the staff.
(3). Difference in the initial cost of the machinery and the cost of the machinery after completion of the project. We don't mean here the depreciation charges which is only a procedure, clearly we mean the market value.

In fact even now, when sufficient work has been done on Gangapur Dam, the Govt. may work out the rates and get convinced. Such an action is only possible by Govt. and not by any firm in as much as most of the machinery will be practically scrap for the firm after completion of a project unless it has series of such works in hand. Whatever advantages (such as speedy progress and less dependance on labour) the use of machinery may have, but they are outweighed by the financial aspects. Any way the time factor is binding on the contractors whether the use machinery or not. Finally we may please be enlightened with the view of the Govt. in regard to the economics of the use of the machinery with facts and figures, so that we may correct ourselves and make use of that valuable information for other works if possible in future.

We now deal with the working costs of some of the major items of Neersagar Projects for your consideration. It may please be noted that the tendered cost and the estimated cost have absolutely no bearing on each other, so long as the estimate is not framed on the actual working costs taking into consideration the present day local labour problem, and material cost. Tenders have been called and accepted in large number of major works going on in the province. A general statement of the same will give a general idea as to how the tendered costs compare with the estimated costs. We have been most reasonable in our rates as can be seen hereafter, considering the actual labour shortage in the Neersagar locality and the material costs which have been continuously rising in view of the large number of major works centered around Dharwar and Belgaum.

.....4.

items in the tender taking into consideration the local labour conditions and material costs. Out of the margin over the working rates, we have to allow for our staff expenditure, interest on investment and income-tax.

In regard to the use of machinery proposed to be supplied by the Government at a cost of about Rs. 6,75,000/- no firm can agree ever to take the machinery on conditions laid down by the Government.
(1). The Government does not take the responsibility for the supply of spare parts and expects the firm to make arrangements for the necessary procurement as though the parts are manufactured in India and are made available at the required time. The total working rate and idle days together with the interest of 6% on the deposit of Rs. 67510/- to be paid by the firm works out at Rs.670564/- at the end of the Forth working season as against the total approximate cost of Rs. 6,75,000/- for the machinery. In addition the firm has to maintain the machinery in working condition and return them in good order after the close of the work. That may involve the firm to the extent of nearly Rs. 2 lacs approximately apart from the working cost. Thus any firm intending to use the Government machinery will have to set apart about Rs. 9 lacs on this item only compared to the estimated cost of Rs. 36 lacs. Thus 25% of the work cost is covered by the item of machinery alone. The use of such machinery to such an extent even by the Government if the work is taken up departmentally is bound to be definitely uneconomical. For these reasons it was not possible for us to quote any percentage reduction in the cost, apart from our unwillingness to use the Govt. machinery on conditions laid down by the Govt. When on the face of it, we find it quite uneconomical to use the machinery, we don't give here the comparative cost of different items in the event of using the machinery. Before we come to the conclusion that it is uneconomical to import the machinery and use it, we have fully examined the working of the said machinery and the necessary equipment on Ganga Bandh work (similar in nature to Beeranagar Bund) which is being done departmentally. We are sure that even the Govt. will definitely come to the same conclusion if they later on consider the actual work cost as against the estimated cost after taking into consideration the following facts:-

.....

It may be a surprise to you that the prices and wages prevailing in this area before the commencement of various Govt. works have now been doubled (tripled in some cases) at present. This fact cannot be overlooked by a contractor while tendering for any work in future in that area. In fact, if necessary work had been taken first, the tendered cost could have been definitely far less than at present. Their unrestricted rise in wages and material costs will definitely affect the cost of project as time passes by unless Govt. abandon the Reconstruction Programme. As such we are very sceptical about the future, and are anxious to know the decision of Govt. in regard to the acceptance of tender as sufficiently long time i.e. nearly 2 months have passed after the date of submission of tender. Naturally, you will please not expect us to be kept bound by our rates for indefinite period. We wish to make it clear to you that we may be forced to enhence our rates if our tender is not accepted early. Once having been interested in this work, we are not in a position to go in for other works also. Till the decision is taken, we are forced to remain idle in our contract fields. We really did not expect such a delay. It it is in the interest of Govt. if it can be penalised in any way of doing so.

Main items of extra work are as under:-

(1). Puddle Trenching .....2094981 Cft.
(2). Approach Tail Channel.....13867200 Cft.
(3). Puddle Filling.

Rate of Puddle Trenching.

Excavation to a depth of 20' (av.) in soil and murum including boulders and using the suitable stuff for embankment materials in casing of the dam with suitable proportion.

Please note that it is to be used for casing, it will have to be stacked away from the bank seat with an an average lead of about 400' and lift upto 20' for being used for casing after hearting is proceeded with on filling the puddle trench. Naturally, this will set and will have to be partially excavated for being used for casing.

.....5.

Local wages of a pair at present.

Rs. 3/8. per pair of coolies.

Excavation from 0' to 5' and stacking the stuff away from Dam seat with an av. lead of 400' and lift up-to 20'.	one pair.	Rs. 3- 8-0.
Do- - from 5' to 10'.	two pairs.	Rs. 7- 0-0.
Do- - from10' to 20'.	four pairs	Rs.14- 0-0.
		Rs.24- 8-0.

avarage Rs. 8/4. per 100 Cft.

Partial excavation and using the stuff for casing with an average lead of about 200'.....	one pair.	Rs. 3- 8-0. 100Cft
Dressing and consolidating with watering.....		Rs. 0-12-0. 100Cft

Total per 100 Cft.Rs.12/8. against the tendered rate of Rs. 10/- per 100 Cft. about 12½ margin.

(2). Next big item is Approach Tail Channel.

Excavation in soil, soft and hard murum and casing the same for dam embankment if suitable with a lead of 2000' and lift in the excavation as well on bank with appropriate proportion including watering and consolidation.

Excavation	1½ pair @ Rs.3/8.	Rs. 5 -4-0.
Conveying water with a lead of about 4 flgs. (including lift).		Rs. 4 -8-0.
Breaking clods, spreading in 4" layers, watering and consolidation.....		Rs. 1 -0-0. per 100 Cft.
		Rs.10-12-0. 100 Cft.

as against Rs. 12/- tendered rate margin about 12½.

Then we come to the item of puddle-filling (2679920 Cft.).

Material for puddle filling to be brought with an average lead of about 4 furlongs for the whole length of the dam.

.....2.

(1). Excavation in soil.	1 pair.	Rs. 1-12-0. per 100 cft
(2). Lead charges for 4 flts.		Rs. 4- 8-0.
(3). Stacking the soil, watering and working the material to proper consistancy or clay 2-pairs with men's feet before laying in the trench and preparing big lumps for dumping.....	1-pair.	Rs. 7- 0-0. Rs. 3- 8-0.
(4). Dumping the puddle balls in 6" layers and kneeding under men's feet.		
		Rs.16-12-0.

as against the estimated rate of Rs. 18/- per 100 Cft. About a margin of 6%.

Remaining main items are masonry and concrete.

1I sort masonry in lime for waste weir:-

including cement pointing.

		Per 100 Cft.	
Headers (Trap) local stones.	No. 30 @	Rs. 50/-	= Rs.15.
Face stones.	No. 130.0	Rs. 30/-	= Rs.39.
Rubble stones.(walls being all thick)	Cft. 75.0	Rs.20 /-	= Rs.15.
Lime.	20.	Rs. 75/-	= Rs.15.
Sand lead 30 miles.	50.0	Rs. 50/-	= Rs.15.
			Rs.99.
Labour grinding chunh.....	Cft. 50.0	Rs. 10/-	= Rs. 5.
Mason charges	1	Rs. 25/-	= Rs.25.
Pointing.	1	Rs. 6/-	= Rs. 6.
Cement and sand	1	Rs. 2/-	= Rs. 2.
Centering and Smithing etc.		Rs. - -	= Rs. 9.
Sundries.	1	Rs. - -	= Rs. 2.
			Rs.145.

as against Rs. 160/- i.e. a margin of about 12%.

Thus an average about 10 to 12 percent margin has been kept in our rates on the actual working cost. Out of this 12% we have to provide for the following items before we can expect any return on our investment.

.....7.

-61 145

Main Items:- ... ... Income-tax which will be about 50% of the net Income.

Supervision and Overhead charges.. ... ... 10%.

The net margin will be just about 40% of the 12% profits expected on the work, i.e. about 5% return on the investment of the firm. Without expecting at-least this much return no firm will go in for any venture at all.

In taking up the work departmentally, the Govt. does not take into account the income-tax that should be required to be paid by any other agency. At the same time the Central Government loses their annual income-tax.

Any way, Sir, if you are convinced with facts and figures that the work can be done at still lower rates (taking into consideration the income tax factor and the Departmental additional staff expenses), you may please do so either by recalling the tenders or by taking the works departmentally. We only request you to relieve us from waiting too long for the decision of the Govt. in the matter which we hope will be decided immediately. Please note that our rates and the time factor are not binding on us, thereafter.

Further, we would like to make clear to you, that in the event of recalling tenders we would like to leave the field open to our Brother Hindustan Construction Co. or some such long standing firms, as we do not like to be locked in this work for over 3-4 months simply for the final decision of Government. Once we are out of the field, we hope it will be possible for the Govt. to take early decision in the matter of accepting tenders after recalling and go ahead with the scheme for which the people of Dharwar and Hubli are eagerly waiting.

Waiting for intimation of early decision of the Government.

Yours faithfully,

18-8-49

For Doddameyar Brothers.

Advance copy to:-
Hon'ble.Dr.Jeevaraj Mehata.
Minister for Public works
Department.Govt. Of Bombay.
Bombay.

146

6250/36
55348

~~63~~ 147 S. T. No. T. B. 160

DODDANAVAR BROTHERS.

Govt. Contractors and Timber Merchants,

Near Fort, BELGAUM.

Ref. 1073/49.

Date Aug. 18.1949.

Subject

Doctor Jeevaraj Mehata.
Public Works Minister.
Govt. of Bombay.
BOMBAY.

Sir,

We confirm having sent, to-day, the telegram reading as under, and further request you please to grant us the opportunity to discuss with you regarding our Neersagar Dam - Tender Rates for which we shall be much thankful to you.

" PLEASE GIVE US OPPORTUNITY TO DISCUSS WITH YOU OUR NEERSAGAR DAM TENDER RATES. INTIMATE TIME AND DATE. DETAILED APPLICATION SENT THIS DAY. DODDANAVAR BROTHERS."

We strongly hope that you will kindly fix the time and date for the foresaid discussion at the earliest. We remain,

Yours faithfully,
for Doddanavar Brothers;

To Kept Hts.
Jmm 19-8-49

MB 2/9

P. W. D.
Files No. 6250/36
Serial No. 57691
M.S.

6250/36/57691.

-65-

P. W. D.

M. B.

Submitted to-gether with Serial No. 57348 ϕ12 and with ref. to the H.M., P.W.D's minutes at ff. 20-23 ante.

2. P.C. See the G.L. at f. 34 ante. In view of the H.M's remarks on the telegram at f. 31 ante, M/S. Govindram Bros, Belgaum have already been informed in the matter vide the G.L. at f. 36 ante. Presumably therefore no action is necessary on these references.

3. The papers need not perhaps be Submitted to the H.M., P.W.D.

2/9/49

2-9-49

Secy (I).

5.9.49

Free English Translation of the article by Andaneppa Veerabasappa Kundargi of Gajendragada, which appeared in the "Correspondence Columns" of "NAVAYUG" of 14-8-1949.

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" LET THE GOVERNMENT OF BOMBAY REPLY"

The Government of Bombay is making attempts to start work, in connection with a few minor irrigation and water-supply and electric-supply schemes. But it is deplorable that, thogugh absolutely necessary, records of facts like since how ~~many~~ long such efforts are going on and what stages the works now have reached are not placed before the public from time to time. Irrigation and Water-Supply schemes, which have remained only "Paper Schemes" are being tossed to and fro; no sufficient or satisfactory progress as regards the same isto be seen. It is necessary that the Government of Bombay should place before the people of Karnatak records of progress made on Dhupdal Left Bank Canal, Daddi & Asoga Schemes and Neersagar Water Supply Scheme for Hubli and Dharwar. When Ministors connected with these works undertake tours in these parts they only talk sweet. If inquired in detail, they will say that there are no Engineers, no Workers and no Money. Tenders called for any of the schemes will be rejected on the plea that they are far in excess of the estmated costs and the public will be informed that the work will be carried out departmentally. This, in these days, is impossible. It has not been possible at any time for Government to carry out works at a cost lower than that quoted by the lowest tenderer. This will only lead to waste of time. There is dearth of Engineers and Workers and shortage of Food-Stuffs; it has been decided to make the country self-sufficient by 1951 in respect of food supply which is draining away our wealth. Under such circumstances Government should work at quick speed and with interest instead of working at snail's speed and on improper policies which lead to waste of time and money. Will not the delay in the completion of any schemes by six months amount to the postponement of the period of income by an equivalent time ? . Anything

completed after two years instead of today will only postpone the income by that time. Any major scheme started early instead of being delayed will only result in increasing the national wealth.

Instead of opening offices and appointing officers and ~~them~~ their staff for not much work on the excuse of taking up minor irrigation works, of starting some work or investigating some scheme or of scrutinising tenders and wasting large amount of money and time, Government should better start work soon. Let a report of what is done uptill now by the Minor Irrigation Division at Belgaum be placed before the public. How much work has been turned out by the office opened long back for the execution of Neersagar Water Supply Scheme for Dharwar and Hubli ?. It is heard that the tenders for Neersagar Scheme have been rejected recently. What are they going to do next ?. How will they complete the work ?. Will Government undertake to carry out the huge scheme, meant to supply water to Dharwar and Hubli and to irrigate acres of lands, departmentally and at a cost less than that tendered by contractors and in less time ?- ~~fx~~ If so, let the Government plainly inform the public accordingly. I dare say that this work or any such big scheme cannot be completed at less cost than tendered by contractors or in less time than would be required by contractors. It is both impossible and -- improbable that Government can complete the work within ~~pro~~ proper time and at less cost in these days when prices are soring high, machinery and equipment are not procurable in scheduled time and at reasonable prices and the workers are not available at reasonable wages and also when - Government complain that they are short of staff. Therefor instead of wasting time and money and subjecting the public to various hardships, Government should start work. This does not mean that Government should not execu -te works departmentally -- but the fact is , it is not possible. It has therefore become imperative for me to

for me to write so plainly and in such clear terms. -- Government should complete the works already undertaken by them without any more delay and without postponing them on the grounds of some excuse or the other . People of Karnatak have suffered for a sufficiently long time and it does not befit them to remain suffering any longer.

Gajendragad
Dtd.12th August 1949

Sd/
Andanappa Veerabasappa
Kundargi.

---x---x---

No. T-1/ 5063 of 1949
Karnatak Public Health Wks.Dn.
Dharwar, 25th August 1949.

Free English Translation of the article appeared in the "Correspondence Columns" of "NAVAYUG" of 14-8-1949 forwarded with compliments to the Public Health Engineer to Govt., Poona, for information and further disposal.

D.A. 1 Spare Copy ~~as above.~~

Executive Engineer
Karnatak Public Health Works Divn.

KRC/24.8

No.SW-3-27/9373 of 1949,

Poona 1, 12th Septr.1949.

To

The Executive Engineer,
Karnatak Public Health Works Divn.,
Dharwar.

Sub:- Tenders for Neersagar Works -
Complaint of Shri A.V.Kundargi of
Ganjendragad, dated the 12th August
1949, published in 'Navayug' daily.

Reference: Your No.T-1/5063, dated the 25th August 1949, giving the English translation of the above.

2. I have already informed the Collector of Dharwar and Presidents of Hubli as well as Dharwar Municipality, under this office No. SW-3-27/7698, dated the 27th July 1949, that Neersagar Water Supply Scheme is receiving my earnest attention and the increase in the capital cost of the scheme due to exhorbitant working rates means abnormal increase in water rate to the people of Hubli and Dharwar and due to this the work of dam construction has not been started.

3. The economic consideration of the scheme cannot be overlooked. The tenders for the earthen dam should be expedited. The English translation of the article under reference, is being sent to Government, for information.

D.A. Nil.
DWK/10-9-49.

Public Health Engineer
to Government.

....

Copy, together with a copy of English translation of the article referred to, forwarded with compliments, to the Secretary to Government, Public Works Department, Bombay, for information.

2. Fresh tenders for Dam work have been called and these will be received by end of October, when the results will be informed to Government.

D.A. One.

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M.B. — S.W.S. 8.11.7

In view of the S.E.E's letter (ref), no action appears to be necessary on these papers so far as Neersagar Water supply scheme is concerned.

Thro. SB(II)/SE(Pol)CO.

2 The Ghataprabha Valley Project is being investigated and prepared and in the meantime, the construction of the Ghataprabha Left Bank Canal is being carried out in advance of the main project. No action is necessary in this connection.

8-10-49

3 The same matter appearing in 'Navayugi' a Kannada daily, in its issue of the 14-8-49, was rcd. in this Deptt. and necy. action has already been taken. In this connection please see the notes recorded at pp 3-5 of the file S-220/54597 (placed below) In view thereof no further action is necy.

13/10/49

4. As regards the elec. supply scheme for Karnataka it may be stated that Govt. have decided that the power of 10,000 kW available at Jog Bus bars should be distributed to Sirsi, Dharwar etc. places and that of 1500 kW. available at Haribar to Haveri, Byadgi, Ranebennur etc. places. The El. Commr. has been asked to submit necy. detailed plans & estt & other necy. steps to speed up the work

M.B. 16/9

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have been taken. A press note giving the above information has been issued recently. No action is therefore necy. in this connection.

20/10/49

20-10-49

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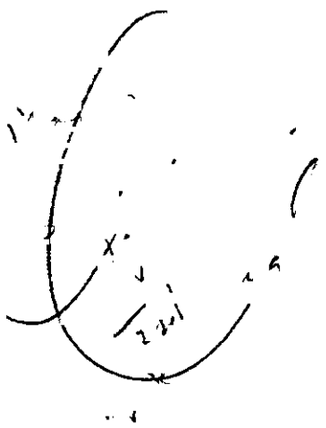


161

THE HINDUSTAN CONSTRUCTION CO. LTD.

ENGINEERS & CONTRACTORS.

REINFORCED CONCRETE SPECIALISTS.

TELEGRAMS: "HIN[redacted]ON." BOMBAY

TELEPHONE: 26036 (5 LINES.)

HEAD OFFICE: CONSTRUCTION HOUSE, BALLARD ESTATE, BOMBAY.

IN YOUR REPLY PLEASE REFER NO. He/13/17490

DATE, 24th Oct.,1949.

The Executive Engineer,
Karnatak Division,
Dharwar.

Dear Sir,

Re: Tender for Earthen Dam with Core-Wall, Irrigation and Common Outlets, Approach and Tail Channels.

With reference to the above tender, we will be giving 10 % (ten percent) deduction on the rates quoted by us on 30. 5.1949 in spite of the fact that the cost of machinery has risen up by 40% due to devaluation.

We have not submitted fresh tender as our rates for the same as well as the deppsit are with you.

We hope our rates as quoted with reduction will be acceptable to you.

Yours faithfully,
For The Hindustan Construction Co. Ltd.

Chief Engineer.

vg.

No. S.W.3-27/Tender/12160 of 1949,

Poona 1, dated 25th November 1949.

To

The Chief Engineer,
Public Works Department, Bombay.

Sub:- Tenders for the work of -
(1) Dam and Allied works.
(2) Waste Weir, apron wall and curtain wall etc.
for Neersagar Water Supply Scheme for Dharwar & Hubli.

Reference: Government letter, Public Works Department No. 6250/36-M, dated 12-8-1949.

2. As per orders of Government, fresh tenders were invited by giving wide publicity in the Times of India and in the vernacular papers, besides sending copies of notices to nearly 26 contractors, who may be interested in the works.

3. For convenience of quick execution and to infuse sufficient competetion amongst the tenderers, the estimated cost of the dam was divided into two separate items - one for the Earthen Dam and another for the Construction of the Masonry Waste Weir. Another object in splitting up the work, was, it was feared that for such a long term work, many firms would not compete. The tenders received, have fully justified this presumption. The total of the two lowest tenders amounts to Rs. 44,52,953/- only, against the amount of Rs. 73,34,218/- quoted by the lowest tenderer on the last occasion, a few months back. Messrs. Doddannavar Bros, the lowest tenderer of last time, have now quoted Rs. 70,18,552/- for the two works.

4. The lowest tenders now received, are about 30% above the estimated rates and I consider them to be reasonable in the prevailing fluid condition. I request you, therefore, to accept the two tenders and accord sanction for starting the works so that the present working season may be availed of.

5. Tenders for Dam and other allied works :-

Blank tender forms were purchased by eleven contractors; only four submitted their quotations. Out of this, the lowest tender of Messrs. Precision Construction Co. of Bombay, works out to Rs.25,22,526/- for the work of Earthen Dam against the estimated cost of Rs.19,61,472/-. The excess is about 29% over the estimated rates. The contractors, though new to my department, seem to possess qualified engineering partners and it seems they are confident of carrying out the work. Being the lowest, their tender for the work of the Earthen Dam may be accepted.

6. Tender for Waste Weir, Apron Wall, Curtain Wall etc.:-

In response to the advertisement, 14 contractors purchased blank tenders forms; only seven submitted their quotations. Out of this, the tender of Messrs. J.H.Billimoria & Co., Bombay, is the lowest. The comparative statement will show that their tender amounts to Rs. 19,30,427/- against the estimated cost of Rs. 14,82,160/-. The excess over the estimated cost of the items put to tender, is about 30%. Taking into consideration the prevailing rates for labour, materials etc., the rates quoted, appear reasonable. I request you to accept the tender early, so that the work can be commenced soon.

7. Two comparative statements, 11 tenders and 6 letters received from the different tenderers, have been sent separately by Registered Post. on 25-11-49

8. The quotation of Messrs, Hindustan Construction Co.Ltd.is enclosed herewith. They have not submitted their tender afresh for this time, but have intimated 10% reduction in their previous quotation. The tendered amount of the Company for the last time, was Rs. 91,17,136/- and 10% less, would be Rs. 82,05,423/-, while the amount of the two lowest tenders would be Rs. 44,52,953/-.

P.T.O.

9. The work has been so split up that I do not anticipate constructional difficulties by employing two agencies.

10. Messrs. Precision Construction Co. the lowest tenderer for the earth work, request that both their tenders should be considered and they be given the works for facility of construction. Together their two tenders, work out to Rs. 49,97,893/-, which ~~is~~ is Rs. 5,44,940/- higher than the two lowest tenders received for the two works. From financial consideration, their request cannot, therefore, be considered.

11. Alternative quotations for siphon spillway were called to see if that could be cheaper than masonry waste weir, but the rates quoted are very high and this has been left out of consideration.

12. The revised estimate will be submitted to Government in due course.

Public Health Engineer
to Government.

D.A. 1 letter.
DVK/25-11-49.

Copy forwarded with compliments, to the Executive Engineer, Karnatak Public Health Works Division, Dharwar, for information, with reference to his No. A-1-A/6465 of 31-10-1949.

...

MB 24/11

File No. 6250/36

Serial No. 80209

6250/36/80209.

M.B. P.W.S.

Submitted with ref. to the G.L. No. 6250/36-M; dt. the 12.8.49 P. Illanta.

2. In the G.L. refd. to, the tenders for the construction of an earthen dam and its allied works at Shemwad in respect of Neersagar water supply scheme were rejected being very high as compared to the estimated cost of the work thereof and the P.H.E. was requested to invite fresh tenders for the said work.

3. The P.H.E. has accordingly submitted (p 1 & 3) the tenders received by him, together with, Comparative statements and tellers etc. with his recommendations thereon.

4. He states that for the convenience of execution and to infuse sufficient competition amongst the tenderers, the work was divided into two parts - one for the earthen dam and another for the construction of the Masonry Waste weir. As regards the first part, he states that out of the eleven tender forms issued, only four submitted their quotations. Amongst these four, the one submitted by M/s. Precision Construction Co. is the lowest, amounting to Rs. ~~14,80,467/-~~ 25,22,526/- as against the estimated cost of Rs. ~~14,80,160/-~~ 19,61,472/- of the work. He further states that though the contractors are new to this Dept., they are confident of

carrying out the work. Regarding part II, Viz. Masonry Waste weir, the P.H.E. states that 14 tenders forms were issued to the contractors, out of which only 7 contractors submitted the quotations, one of M/S. J.H. Billimoria & Co, Bombay being the lowest, amounting to Rs. 19,30,427/- as against the estimated cost of the work, Viz. Rs. 14,82,160/-

5. As stated by the P.H.E., M/S. Precision earth & Co., the lowest tenderer for the work of have requested that both their tenders should be considered and they may be given the works for facility of construction. But the P.H.E. does not support their suggestion on the ground of financial consideration. So also the tender of M/S. Hindustan Construction Co, for both the works together, with a reduction of 10% in their previous tender cannot be considered as it is much higher than the total amount of the two lowest tenderers mentioned above.

6. The P.H.E. has recommended that the tenders of M/S. Precision Construction Co, and M/S. J.H. Billimoria & Co, Bombay, for the two different works may be accepted, as they are only about 30% above the estimated cost of the work. It is for consideration whether the P.H.E's recommendations may be accepted.

7. On receipt of orders, necessary further action will be taken.

Thro. DE (PH).

8. As stated above, the P.H.E. while calling for fresh tenders divided the work of constructing dam and its allied works into two parts (1) Earthen dam, tail channel and outlets and (2) Waste-weir and apron wall. This time the competition is slightly better, as previously only two contractors had submitted the tenders while presently 4 and 7 Contractors have tendered for (1) the dam and (2) Waste-weir works respectively. Last time the lowest tender was 114% high than the estimated cost, while this time both the lowest tenders together are 29.3% high.

	Estimated Cost	Cost as per tender Rs.	Name of Contractor
(1) Earthen Dam ..	Rs. 19,61,472/-	25,22,526/-	M/s Precision Construction Co. Bombay
(2) Waste-weir ..	Rs. 14,82,160/-	19,30,427/-	M/s J.H. Billimoria & Co. Bombay
Total.	Rs. 34,43,632/-	44,52,953/- (i.e. 29.3% high than the estimated cost)	

Tender for Earthen Dam :—

(i) For comparison, the pertinent figures are noted below from which it may be seen that there is wide variation in the tenders received from the contractors.

(1).....

See p. 168/post

(1) Name of firm	(2) Estimated cost Rs.	(3) Cost as per tender Rs.	(4) Excess of (3) over (2) in percentage	(5) order
1. M/s Supreme Construction ..	19,61,472	59,05,880	200 %	IV
2. M/s J.H. Billimoria & Co..	do	44,34,079	122 %	II
3. M/s Precision Construction..	do	25,22,521	29 %	I (lowest)
4. M/s Doddanavar Bros ..	do	45,42,491	133 %	III

(ii) The alternative rates for works (1) in cement and (2) in lime were called for and even if these are compared the M/s Precision Construction Co. Bombay stand the lowest.

(iii) M/s Supreme Construction Co. have laid down certain conditions in their forwarding letter some of which may be seen to be difficult to accept by Govt.

(iv) The rates quoted by the M/s Precision Construction Co. compare well with the estimated rates which are based on 1938-39 rates increased by 100%

Tender for Waste-Weir :-

(i) The salient figures are noted below :-

(1) Name of firm	(2) Estimated cost Rs.	(3) Cost as per tender Rs.	(4) Excess of (3) over (2) in percentage	(5) Order
1. M/s J.H. Billimoria & Co...	14,82,160	19,30,427	30 %	I (lowest)
2. M/s Precision Construction..	do	24,75,367	67 %	IV
3. M/s V.G. Phadke & Sons ..	do	22,81,539	54 %	III
4. M/s Allied Construction Co...	do	30,19,330	103·7 %	VII
5. Mr. [illegible] ..	do	28,91,440	95 %	VI
6. M/s Belgaum Builders ..	do	22,35,866	51 %	II
7. M/s [illegible] Bros ..	do	24,76,061	67 %	V

(ii) ...

(ii) (1) M/s S.G. Phadke & Sons and 2) M/s Allied Construction Co. have submitted tenders with some conditions, mentioned in their forwarding letters.

(iii) M/s Doddanavar Bros. who were the lowest tenderer last time have passed some critical remarks while submitting their tender which require the attention of Govt. They have stated that "the second lowest man has definitely taken advantage of our previous quotation which we feel that he has been given the privilege to know." They further state that it is too premature to accept the tender for this work.

(iv) The alternative proposal of syphon spillway is since dropped, it being uneconomical.

9. (a) The P.H.E. states that he has no knowledge of the competency of the contractors M/s Prezani Construction Co. who are the lowest tenderer for the dam work. The contractors are however confident to execute the work within the stipulated time.

(b) The P.H.E. declares that the work is so divided that there would be no constructional difficulties by employing two agencies. This point may have to be considered further.

(i) The Earthen Dam proposed to be constructed is 3000 ft. in length and the date of its completion is 31-5-1953, while the waste-weir of 800 ft. length will be constructed in masonry and the

be completed by 31-12-1953, that is after 7 months since dam is completed. The dam work, on its face, should take more time than the work of the waste-weir unless the latter is commenced at a later stage.

(ii) It may also be difficult to chalk out the programme of course of dam which will have to be done in stages, if these works proceed at different speeds.

(iii) Apart from the above considerations, the co-operation of the two contractors would be essential during day-to-day constructional work. It is considered undesirable to have one contractor in the whole job. The total cost of the two lowest tenders is Rs. 44,52,953/- while if the work is entrusted to one contractor eg. M/s Precision Construction Co., the cost will be Rs. 49,97,893/- that is enhanced by Rs. 5,44,940/- It is for orders which of the tenders should be accepted.

Form 2-12-49 For facilities of administration and of execution of the work one agency for both the parts of the same work would be very convenient and smoother working. Two agencies working side by side on two adjacent parts of the same work are likely to ~~cause~~ create friction & difficulties & cause hindrance to the progress of each other's work unless they agree to work in mutual understanding & perfect co-operation which it is too much to expect. The P.W.E. does not recommend the works being given to one agency for financial consideration

Order

CE

as it means an extra expenditure to Govt. to the extent of Rs 5,44,940/-. In order to avoid this, it may be considered whether both the works cannot be given to one agency for the ~~two~~ total amount of the lowest quotations for the two works viz. — Rs 44,52,953/-/-. An offer may be made (by private negotiations) on these lines, if approved, first to M/s The Precision Construction Co who are the lowest for the bigger work and in the event of refusal by them to M/s J. H. Billimoria & Co who are the lowest for the other work. It would be worthwhile to have one agency for both the works in the interest of the progress of the work even if Govt. have to pay a reasonably higher amount. In the event of the negotiations turning out to be fruitful, all the present tenders will have to be rejected & the work will have (then) to be given to one agency by private negotiations.

M/s Doddanavar Bros & allegations & complaints do not appear to be very definite & likely to affect the question of the acceptance of the tenders under consideration. They may be investigated, if considered necessary, after the disposal of the present tenders.

3-12-49

CE.

Whilst the P. H. E. may compliment himself on the fact that by splitting up the work, more competition was secured, I do not at all agree with him that the

work----

work of the waste-weir should be given to a contractor other than the main dam contractor and that it will not interfere with the execution of work. From an engineer's point of view of the construction of a dam, such a recommendation shows insufficient appreciation of the technique of dam construction. An earthen dam is not completed in one season or two but may take two or three seasons for its completion. In the first season or the second season, when the river gorge portion is not covered, there will be no difficulty of passing the floods but in the last season when the gap is to be closed, if the waste weir is not able to function there will be the greatest danger to the very safety of the dam. From the dates given in the tenders for the completion of the two items, it will be seen that the dam work is scheduled to be completed by 31-5-1953/ while the date of completion of the wasteweir is 31.12.53. Thus, if the waste weir contractor, who has no interest in the dam work proper carries out work according to his terms of agreement there will be disaster to the dam.

2. The waste weir is just in continuation of the dam and not isolated as will be evident from the sketch and the contractor for the dam is to remove the materials. from the approach and tail channels for his dam work and thus the two contractors' labour will be working in the same area and there is bound to be trouble over labour rates, disputes about labour defections, the worst sufferer being the contractor with the lowest rates.

3. There are always some delays on account of land acquisition and in such cases it is always desirable to have alternative places for usefully employing the labour on the work. If there is no such facility the contractors put in claims for payments on account of idleness of labour through delays caused by Govt.

4. By a perusal of the abstract of the tender for waste weir, it will be seen by reference to items 1 and 2, that it is the intention to use the stuff obtained from this excavation on the bank work; this cannot be done unless-----

unless the contractor is one and the same.

5. By a further reference to the schedule attached to the tender for the waste weir, it will be seen that some provision has been made for curtainwalls in bed of the tail channel and apron walls with a note that these items will be deleted altogether. Such being the case the amounts entered against these works should not have been taken into account whilst working out the totals as they do not give a correct idea. The difference on these accounts alone between the lowest and Messrs. Precision Construction Co. is of the order of 1,56,000 Rs.

6. With work under one contractor, it becomes possible to ensure proper labour camps, water supply and sanitary arrangements for the labour on work.

7. I have ~~I have~~ dealt at length as to why it is undesirable to separate out these two sub works. Such a division of the items of works is unnatural and not sound from an engineering point of view, leading to constant trouble on work and damage to the safety of the body of the dam. The only sensible course is to work out the totals of the combined works. Judged by this standard, the lowest tender amounts to Rs.49,97,893 and I would recommend that this be accepted and and the entire work given to Messrs. Precision Construction Co.

6-12-49

Seen F.D
7-12-49

Ph. examine
Ehe with necessary
[illegible]

Finance Department.
P.W.R.I.

Submitted with reference to the Secy.'s note dated 11.12.49.

2. The estimated cost of the work put to tender and the tendered cost are mentioned in the table below:—

	Estimated cost.	Cost as per tender.	Name of lowest tenderer.
(i) Earthen Dam.	Rs. 19,61,472	Rs.25,22,526	M/s.Precision Construction Co. Bombay.
(ii) Waste Weir.	Rs. 14,82,160	" 19,30,427	M/s.J.H.Billimoria and Co. Bombay.
Total	Rs. 34,43,632	Rs.44,52,953	

(i.e.29.3% higher than the estimated cost).

For the reasons given in his note dated 6.10.49, the Chief Engineer recommends that both the works should be entrusted to Messrs.Precision Construction Co. for Rs.49,97,893. For the Waste Weir work, the tendered amount which is fourth lowest quoted by the latter contractor is Rs.24,75,367 against the lowest tender of Rs.19,30,427. The difference thus amounts to Rs.~~5,45,940~~ 5,44,940 This amount is by no means small and it will have to be considered whether it can be saved and the work at the same time carried out by one agency. Please see in this connection D.E.,P.W.D.'s note dated 3.11.49.His suggestion that an offer may be made by private negotiations first to M/s.Precision Construction Co.and then to M/s.J.H.Billimoria and Co.to carry out both the works for the total amount of Rs.44,52,953 seems a reasonable ~~selection~~ solution of the problem. That suggestion may be supported in F.D. It seems that looking to the large amount involved, either of the parties will be agreeable to the proposal.

3. The estimated cost put to tender is Rs.34,43,632 against which the tendered amount is Rs.44,52,953.Thus there is an excess of Rs.10,09,321. There is a provision of Rs.25,70,000 for the Neersagar Water supply scheme in the current year's budget estimates under the head "70-Capital Outlay on Improvement of Public Health-P.W.and R.P.".The work put to tender is only a

a part of the scheme. Since the tendered cost of a part of the scheme exceeds the estimated one by Rs.10,09,318, E.P.C.'s sanction would be necessary. The papers may accordingly be put up to the E.P.C. It is presumed that the work proposed is technically sanctioned. If not, that will have to be done first before the work is started.

ATS N.V.4
Mr Hussain 15/12/49.
1 1512
ATS
15/12/49.

15/12/49

Secy: (E.P.C.)

To be circulated to E.P.C.

F.D.

17)

IMMEDIATE. FINANCE DEPARTMENT.

File No. 6250/36/80209 of Public Works Department.

Subject:— Neersagar - Water supply Scheme—
The work regarding Eastern Dam and Waste Weir. ~~~
tendered cost for—

CIRCULATED TO THE

EXPENDITURE PRIORITIES COMMITTEE.

H. M. F. D. 17/12/49

C. S. 19/12

Secy. F. D.

27

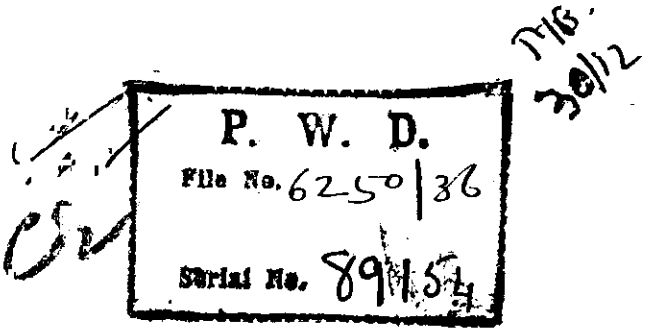
EPC. agrees the work being proceeded with.

2. As regards the tenders, I agree the suggestion

DM 28/12

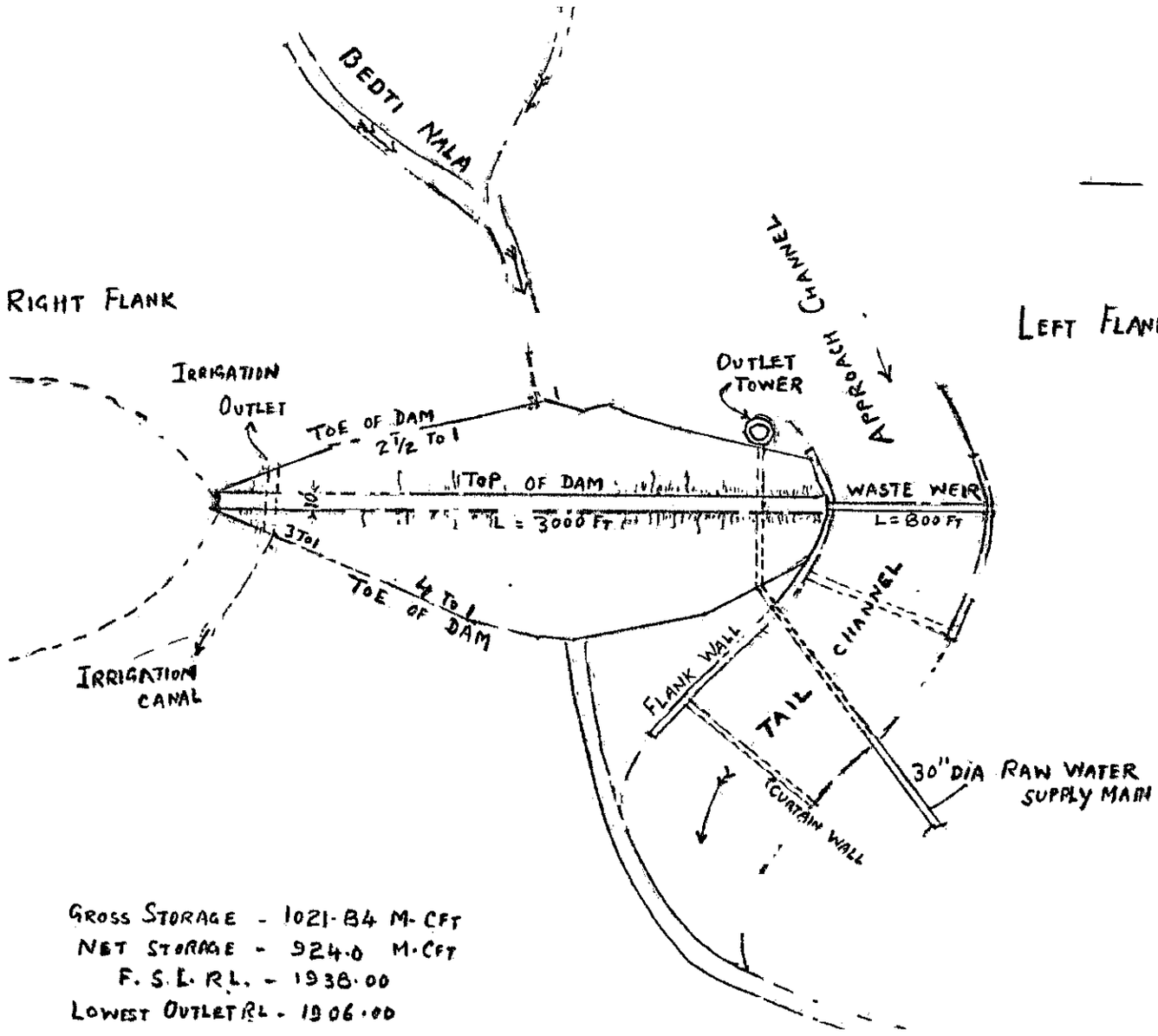
K Bk H 201 DM 17/12/49 "A" p. 174. Rec'd 19/12

hyperlinked to para. 2 of F.D. note dt. 15.12.49, viz.—


P. W. D.
File No. 6250/36
Serial No. 8914

NEERSAGER W. S. SCHEME

SKETCH PLAN
SHOWING
DAM, WASTE WEIR, OUTLETS ETC.



N

GROSS STORAGE - 1021·84 M·CFT
NET STORAGE - 924·0 M·CFT
F. S. L. R.L. - 1938·00
LOWEST OUTLET R.L. - 1906·00

GMA
6-12-49

(21)

No.S.W.D.27/Tender/1297 of 1949

Poona-1, 16th December, 1949.

To

The Chief Engineer,
Public Works Department,
Bombay.

Sub:- Tenders for the work of
(1) Dam and Allied Works.
(2) Waste Weir, apron wall and curtain wall ect., for
Neersagar Water Supply Scheme
for Dharwar and Hubli.

Reference is invited to this office No. S.W.3-27/Tender/1260 dated the 25th November, 1949, and it is requested Government may kindly be moved to accept the tenders at an early date.

D.A.Nil.
SBB/16.12.49.

Public Health Engineer
to Government.

****

625-0/36/86230.

M. B.

Ø. W.D.

The main file No. 625-0/36 pt. VII has been submitted to the Secy. ED on the 6-12 Aug. 25 return may be awaited.

2nd 27/12 Aug.

27/12 Aug.

19/12

19/12

625-0/36

86230

6250/36
86230

P. WD

M.B.

Submitted with ref. to Secy. FD's note dt 24-12-49.

2. As verbally directed by Ch. Engs. a draft letter to M/s. Precision Construction Co. is put up for approval.

4-1-50.

4-1-50

'e'

Reply to PHE with reference to his letter dt 16th December that the matter is still under the consideration of Govt.

6.1.50

Immediate.

No. 6250/36-M.

P.W.D.,

B.C. (Bombay No. 1),

4th Jan. 1950.

To

M/S. Precision Construction Co.,

Civil and Constructional Engineers,

Round Temple,

Bombay 4.

Sub: Tender for the constn. of the Dam. and other allied works in con. with Neersagar W/S. Scheme.

Dear Sirs,

In connection with the Tender submitted by you for the work mentioned above, I am directed to request you kindly to send your representative on Thursday the 5th I-50 at 12 Noon, immediately to this office, for discussion with the Ch. Engs. for Govt.

DA: Nil.

Yours faithfully.

4-1-50.

4-1-50

4/1/50

695

Immediate.
No.6250/36-M.

Public Works Department,
Bombay Castle(Bombay No.1
4th January 1950.

From

The Under Secretary to the Government of Bombay,
Public Works Department.

To

Messrs. Precision Construction Company,
Civil and Constructional Engineers,
Round Temple,
Bombay 4.

Subject:- Tender for the construction of the Dam and other allied works in connection with Neersagar Water Supply Scheme.

.....

ISSUED
4/1/50 RAA

Dear Sirs,

In connection with the tender submitted by you for the work mentioned above, I am directed to request you kindly to send your representative to this office on Thursday the 5th January 1950 at 12 Noon, for discussion with the Chief Engineer to Government.

Yours faithfully,

Under Secretary to the Government of Bombay, Public Works Department.

D.A.-Nil.

LBW/4/1/50
4/1/50 3

Telegrams: "STONESLAB"

Telephones: Office: 42965 41275 28597 Resi : 33589 43100

Precision Construction Co.

CIVIL & CONSTRUCTIONAL ENGINEERS.

Partners:
C. H. GANDHI, B. Sc., (Eng) Lon.
J. K. LADIWALA.
D. G. SAMPAT.

ROUND TEMPLE,
BOMBAY 4.

January 4, 1950.

The Under Secretary,
to the Govt. of Bombay,
Public Works Dept.,
Bombay.

Dear Sir,

Tender for Meersagar water supply sch
Your Ref. No. 6250/36-M Of 4-1-50

While we thank you for your abovereferred letter, received by us today late in the evening, we regret very much our unability to keep the appointment because of the undersigned's previous unavoidable engagements.

However, as already intimated to your dept. on phone today, the writer will see the Chief Engineer on Friday at 12 noon which please note.

We regret the inconvenience, if any.

Always at your services,

Yours faithfully,
for Precision Construction Co.,

Partner.

M351
P. F. D.
6250/36
743
5-1-50

Letter

No. 6250/36-M. P. WD.,

B.C. (Bombay No. 1)

9th Jan. 1950

To The P.H.E. to Govt.

Sub: Tenders for the work of Neersagar Water Supply Scheme.

Ref: Your letter No. S.W.D. 27/Tender/12971, of the 16-12-49.

2. The matter is still under the consideration of Govt.

By order,

DA: Nil.

9-1-50.

9-1-50

ISSUED 10/1/50 RPA

As desired by F.D., I called Mr.Sampat the Proprietor of Messrs. Precision Construction Company, Bombay and enquired from him as to whether he was agreeable to undertake the work of the wasteweir at the rates tendered by Messrs. J. H. Billimoria and Son in addition to the earth work portion, for which he had tendered, so that the entire work could be handed over to one agency for execution. Mr. Sampat and his Engineer explained that ~~they have~~ he has quoted very low rates for the earth work portion and even if both the works are given to him, he is not likely to make any profit. The earth work portion is not sufficiently large for the use of heavy earth moving machinery as all the capital cost of the same will have to be debited to this work alone, ~~and~~ Manual labour will, therefore have to be employed. He was prepared to do the work of both tenders at the rates quoted by him . In his letter accompanying the tender he had mentioned that both the works should be given to one agency alone for the smooth working. He was not willing to carry out only the work of the earth work portion.

I later called Mr.J. H. Billimoria of J.H. Billimoria and Company and enquired from him whether he was willing to take up the work of the earth work portion at the rates tendered by Messrs. Precision Construction Co. to which he gave a flat refusal stating that the rates were unworkable in practice and the difference between his quotation for earth work and Messrs. Precision Co., was of the order of 19 lacs of Rupees. He maintained that the rates of Messrs. Precisio Co. for earth work were far too low to work upon. He also mentioned that giving these works ~~for~~ to two agencies would create lot of trouble in actual execution of day to day work.

As both parties are not agreeable for any solution the question now left is either to reject all the tenders and invite fresh quotations as a composite

structure---

structure or to accept the total combined cost of Messrs. Precision Construction Co. I would not advocate the course of reinviting tenders as the present is the second occasion when these tenders have been invited, the ~~first time both~~ two tenders received on the first occasion ~~were~~ being rejected. It is very unlikely that we could get better rates for this work. The chances are that the rates may be higher.

8.1.50.

VPA.
7/1/50

Dc
9/1

Sent F.D.
1/1/50

In the circumstance, I agree to the proposal made by C.E. in para 6 (A-173) of his note of 6.12.49.

10/1

11/1

Was with P.U.D. on 11.1.50 with 2 sets of tender documents

Issue orders at once

13-1-50

MB. 14/1

P. W. D.
File No. 6250/36
Serial 3010

3 Cys 6/2

6250/36
3010

M.B. P.W.D.

These papers deal with the tenders in con. with the construction of the Earthen Dam and allied works of the Neersagar Water Supply Scheme for Hubli and Dharwar.

2. The P.H.E. to Govt. had split up the work into two subworks, viz. (1) construction of the Earthen Dam and (2) Masonry Waste Weir and called for tenders separately. The details of the tenders received are as follows :-

Earthen Dam.

Name of the work. (1)	Estimated cost Rs. (2)	Cost as per tender. (3)	Excess of Col. (3) over (2) in percentage. (4)
1) M/S. Supreme Construction.	19,61,472/-	59,05,880/-	200%
2) M/S. J.H.Bilimoria and Co.	- do -	44,34,079/-	122%
3) M/S. Precision Construction Co.	- do -	25,22,526/-	29% I Sl. lo.
4) M/S. Doddanavar Bros.	- do -	45,42,491/-	133%

Waste Weir.

1) M/S. J.H.Bilimoria and Co.	14,82,160/-	19,30,427/-	30%
2) M/S. Precision Construction Co.	- do -	24,75,367/-	67% I Sl.
3) M/S. S.G.Phadke and Sons.	- do -	22,81,539/-	54%
4) M/S. Allied Construction Co.	- do -	30,19,330/-	103%
5) Mr. Satramsing Chimansing	- do -	28,91,440/-	95%
6) M/S. Belgaum Builders.	- do -	22,35,866/-	51%
7) M/S. Doddanavar Bros.	- do -	24,76,061/-	67%

3. The P.H.E. had recommended that the lowest tender of M/S. Precision Construction Co. for the work of the Dam ~~and the tender for the work of the Dam~~ and the tender of M/S. J.H.Bilimoria & Co. for the masonry .....

masonry waste weir may be accepted. Please see in this con. the C.E.'s note, dt. the 6-12-49. For the reasons detailed therein it was not considered desirable to split up the work into two and entrust it to two different contractors. It was therefore decided that the work should be given to M/S. Precision Construction Co., who had quoted lowest for both the works together. Both the F.D. and the E.P.C. agreed to this but at the same time suggested that an offer may be made by private negotiations, first to M/S. Precision Construction Co. and then M/S. J.H.Bilimoria & Co. to carry out both the works for the total amount of Rs.44,52,953/- i.e. the aggregate of the lowest tendered amounts in the two cases. The representatives of both the firms were accordingly called for negotiations but both refused to reduce the amount quoted by them. It is therefore proposed that the tenders of M/S. Precision Construction Co.for both the works for a total amount of Rs.49,97,893/- should be accepted. This has been agreed to by the F.D.

4. The necessary draft is accordingly put up for appl.

VSD
14-1-50

Kj 14/1/50

Agree. The complaint of Messrs Todalbanwala
does not fall within the purview of Rule 8(iii) of the C.P.W.A. as given in page 165,
therefore the tender is to be rejected.

Letter. 195

No.6250/36-M.

P.W.Deptt.,
B.C. (B'bay No.1),
20th Jan. 1950.

To

The P.H.E. to Govt.

Sub:- Neersagar Water Supply Scheme
Tenders for the -.

...

Ref:- Correspondence resting with the G.L. of even number, dated the 9-1-50.

2. The tenders submitted by M/S. Precision Construction Co., Bombar, for both the works in con. with the Neersagar Water Supply Scheme viz.(1) Construction of the earthen dam and(2) Masonry Waste Weir, for the total amount of Rs.49,97,893/- are accepted. The documents received from you are returned herewith with a request that the necy. tender papers may please be completed in all respects and submitted for the signature of the Ch. Engr.

3. The estimates should please be recast on the basis of the accepted tenders and submitted to Govt.

for .....

for revised adm. approval.

By order etc.

D.A.-Tender papers. etc.

Copy to -

the F.D.,
the A.G. (through the F.D.),
the Ex.Engr., Karnatak Public Health Works Dn., Dharwar
-The CE., P.W.D.

Issued 20/1/50 ky with D.A.
VSD
14-1-50

14/1/50.

14.1.50.

ky 14/1/50

No. 81 of 1950.

Poona 1, 6th January 1950.

To

The Chief Engineer,
Public Works Department,
P.W.D. Secretariat, Bombay.

Subject :- Neersagar Water Supply
for Hubli and Dharwar.
Construction of purification works.

Reference - Government letter, Public Works Department No.6250/36-M dated the 16th August 1949.

2. Under the above Government letter the tenders for purification works to be constructed for the above scheme were rejected by Government on the ground that it is unnecessary to construct all these works much in advance of the Earthen Dam and the Waste Weir etc. I have already submitted the tenders for the later work under my No.S.W.3.27/ Tender/12160 dated the 26th November 1949. The rates quoted in these tenders are only above 30% above the estimated rates and I expect tha Government would take early decision to sanction these tenders and thus it will be possible to make a early start with the main works.

3. The purification works consists mainly of large buildings like Chemical tanks, filter house and pure water sump and these would take nearly two years to complete. Fittings of the mechanical equipments for this plant can only be taken up after the buildings are fully completed and thus, it will take about three years to complete the purification works from the date of starting. As tenders for the main works are before Government and are likely to be approved soon I request Government to grant me permission to call for tenders for the purification works also now, so that they may also be finalised as early as possible and we may be able to start the work on these items also soon.

4. As is seen from the tenders for Earthen Dam and the Waste Weir, the prices now quoted by various contractors are reasonably low and it is desirable to take advantage of this. I have, therefore, instructed the Executive Engineer to advertise for the purification works and the

P.T.O.

tenders will be finalised now if approved by you.

D.A.Nil.
SLP/6-1-50.

Public Health Engineer
to Government.

Copy forwarded with compliments to the Executive Engineer, Karnatak Public Health Works Division, Dharwar for information.

2. The period for accepting the tenders should be extended by about a month so that they may be received by you after Government orders are received.

M.B.

The main file on the subject is under submission.

16.1.50.

Await.

17/1/50.

P. W. D.
File No. 625/36
Serial No. 170

THE ALLIED CONSTRUCTION CO. LTD.

ENGINEERS & CONTRACTORS

Tele { Gram : "TACKLE" Bombay
"TACKLE" Akola
"VIDUT" Nagpur
Phone :

PANALAL BANSILAL BUILDING,
24-B, HAMAM STREET.

Ref. No 945

BOMBAY, 18th January 1950.

The Public Health Engineer to Government,
Poona.

Dear Sir,

Sub: Tender for construction of Waste Weir, Concrete Curtain Walls etc for Neersagar at Dharwar.

We have submitted our tender for the above work on 4-11-49 and deposited Rs.14830/- as earnest money for the same. The tenders were opened publicly and there is no chance of our tender being accepted. It is more than 2 months since we submitted the tender and we consider it is high time that the earnest money should be refunded.

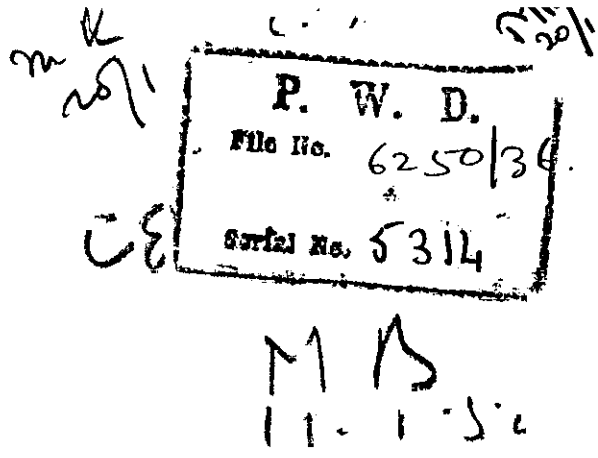
Yours faithfully,
For The Allied Construction Co. Ltd.

DIRECTOR.

Copy w.c. to

The Chief Engineer, P.W.D., Bombay.

The Executive Engineer, Karnatak Public Health Division, Dharwar.


P. W. D.
File No. 6250/36
Serial No. 5314

Telegrams: "STONESLAB"

201

Telephones: Office: 42965
41275
28597
Resi : 33589
43100

Precision Construction Co.

CIVIL & CONSTRUCTIONAL ENGINEERS.

Partners:
C. H. GANDHI, B. Sc., (Eng) Lon.
J. K. LADIWALA.
D. G. SAMPAT.

ROUND TEMPLE,
BOMBAY 4

~~4th February 1950~~

The Executive Engineer,
Karnatak Public Health Works Divn.,
Dharwar.

Sub: Tender for the construction of Earthern dam, Waste Weir and other allied works in connection with Neersagar water supply Scheme.

Dear Sir,

Inviting your attention to the above tender submitted by us, we have now to advise you that it is more than three months that we have submitted the tenders and we have not received any decision from you. We hereby intimate you that you may please consider our tender as invalid and return our deposit immediately and oblige.

Thanking you,

Yours faithfully,
For PRECISION CONSTRUCTION CO.,

D G Sampat

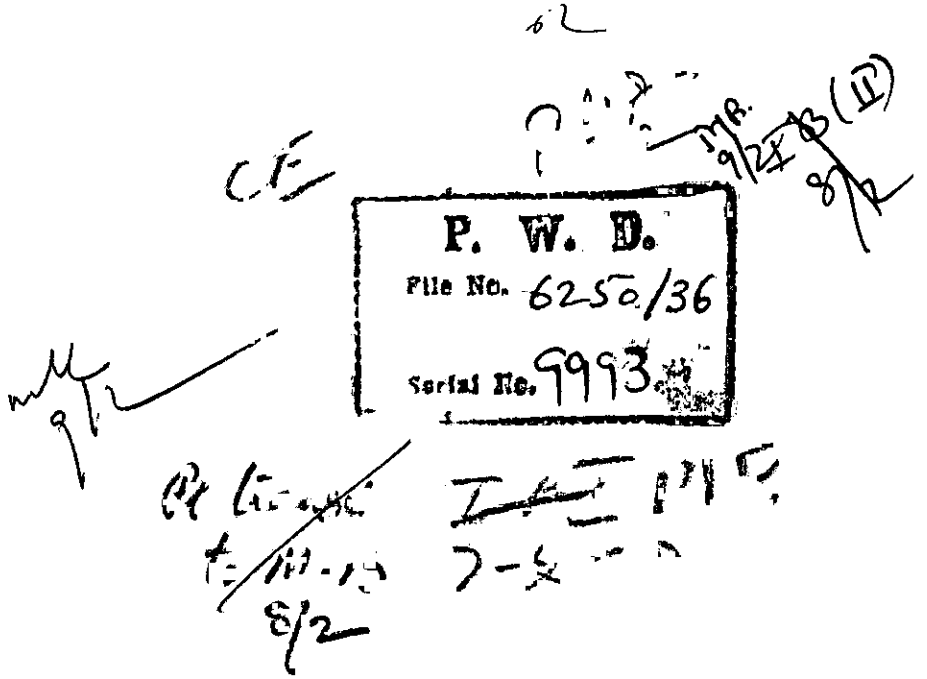
Partner.

Copy:

To

1. Public Health Engineer to Government, Poona.
2. The Chief Engineer, P.W.D., Bombay. ✓

6250/36



6250/36/5344 9993

M.B. P.W.D.

Submitted with ref. to the H.M, P.W.D's minute dt. the 18-1-50.

2. A report on para. 8(iii) of the D.N. dt. the 2-12 ug may be called for from the P.H.E. to Govt. as per draft put up for approval. P.1 to 7 P 785

3. P.H.E's letter No. 81, dt. the 6-1-50:— The P.H.E. has requested permission of Govt. as to whether the tenders for the purification works at Kanchanpur may be called for now for the reasons put forth in para. 3 of his letter dt. the 6-1-50. In this con. pl. see the CE's note dt. the 12-8-49. In view of the note, the P.H.E. was asked vide G.E. dt. the 16-8 ug to reject the tenders in respect of the purification works at Kanchanpur. Since the tenders for the Earthen Dam and its allied works have now been accepted, vide G.L. dt. the 20-1-50, it is for consideration whether the P.H.E. may be allowed to call for the tenders for the purification works as requested by him. On receipt of orders, the necessary draft will be put up for approval. P 1 to 5

4. Letter dt. the 18-1-50 from the Allied construction Co:— As the tenders have already been accepted, no action is called

called for on this.

Sd.- Letter dt. the 4-2-50 from M/s. Precision Construction Co. Ltd :— Further developments in the matter may be awaited.

mk
9-2-50.

Thro. DE(HQ).

10 6. (i) The P.H.E. may now be allowed to call for tenders for the work of constructing purification works at Kanvilamapur.

(ii) The M/s Precision Construction Co. informs the E.E. Karnataka P.H.W. Division that their tender should be considered as invalid and the deposit returned to them. Govt. has already accepted the tender entrusting the whole work of dam and waste-weir to the M/s Precision Constn. Co. If it now puts a hitch the progress of work will be seriously hampered as the working season is already on. ∴ P 195 ant

10-2-50 The finalisation of the tender for storage dam is not yet complete. The Contractor whose tender was accepted by Govt ~~has now shown inclination to withdraw~~ does not appear to be keen on taking the work. It will be premature to call for tenders for purification works unless and until the storage Dam is actually taken up for construction. US ✓ CE

I do not see why the PHE should not have communicated the decision of Govt to accept the tender of Messrs Precision Construction Co to them. The Govt wanted the letter on 20th Jan & surely the PHE could have informed the Contractors before 4th CE

mk/10-2-50.

?4? 6250/36/~~5344~~ 9993

No. 6250/36-M. Letter

P. W. S.

"

B.C. (Bombay No. 1),

13th Feb. 1950.

To

The P.H.E. to Govt.

Sub:- Neeseagar water supply

Scheme - Tenders for -

L.I. -

In continuation of the G. L. of even number dt. the 20-1-50 on the above-mentioned above, I am directed to state that M/S. Doddanavar Bros., while submitting their tender for the second time, for the Earthen dam and its allied works in connection the Neesagar water supply Scheme have pointed out that the second lowest tenderer has definitely taken advantage

advantage of their 206 previous quotation which they feel that he has been given ~~feel~~ previledge to know.

2. You are requested to look into the matter and submit a report at an early date.

Yours obediently,

Asstt. Commr.

ms
9-25

ISSUED on 13-2-52 Vol

Immediate.

No.A.1.A/ 1356 of 1950.

Poona, February 8th. 1950.

To

Messrs. Precision Construction Co.,
Civil & Constructional Engineers,
Round Temple, Bombay No.4.

Subject:- Tender for the Construction of Earthen Dam, Waste Weir & other allied works in connection with Neersagar Water Supply Scheme. for Hubli & Dharwar.

Dear Sirs,

Reference your letter dated the 4th February 1950, addressed to the Executive Engineer, Karnatak Public Health Works Division, Dharwar, copy endorsed to this office.

2. I have today received your letter under reference. Please see in this connection my Executive Engineer, Karnatak Public Health Works Division, Dharwar's letter No.A.1.Dam/632, dated the 2nd February 1950, wherein he has already intimated to you that both your tenders (i) the earthen dam and other allied works and (ii) the waste weir, apron wall, etc., in connection with the Neersagar Water Supply Scheme have been approved by the Government of Bombay and that you were required to complete the tender documents in terms of that letter. In view of this, I am greatly surprised to receive your above letter today.

3. In view of my Executive Engineer, Karnatak Public Health Works Division, Dharwar's above quoted letter, I have to request you to contact that officer immediately and complete all tender papers at a very early date and also make all preliminary arrangements now to enable you to start the works as soon as the tenders are finally accepted by Government.

Yours faithfully,

Public Health Engineer
to the Govt. of Bombay.

Encl: Nil.
ICV. 8

Copy forwarded with compliments, for information to:-

1. The Chief Engineer to Govt., P.W.D., Bombay 1.
2. The Executive Engineer, Karnatak Public Health Works Dn., Dharwar

-oOo-

MS
16/2

mle
16/2

P. W. 46
File No. 625/36
Serial No. 10756

hm 3
9

6.250/36/10756.

M.B. P.W.D.

Submitted with ref. to the C.E's note dt. the 10.2-50. f 7.6

2. It will be seen from the P.H.E's letter f 267 within that the decision of Govt. was communicated to M/s. Precision Construction Co., by the Ex. Engr; Karnatak public Health Works Div. in his letter No. A.1.Dam/632 dt. the 2-2-50. Further developments in the matter may perhaps be awaited.

3. As regards the tenders for the purification works, the P.H.E. may be informed as per draft

draft put up for approval.

16.2.50.

16

16-2-50

16/2/50.

16/2

6.250/36/10258

No. 6250/36-M. Lellin.

P.W.D.,

B.C. (Bombay No. 1)

20th Feb. 1950.

To

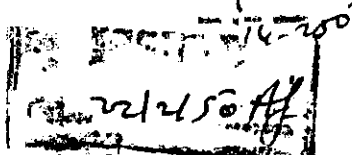
The C.E.E. to Govt.

sub:- Purification works at Kanvihonnapur: Tenders for

Ref: your lellin No. 81, dt. the 6-1-50.

2. It would be premature to call for tenders for purification works at Kanvihonnapur, unless and until the work of storage Dam is actually taken up for construction. Nil.

my order etc.



Ag
16/2

THE ALLIED CONSTRUCTION CO. LTD.

ENGINEERS & CONTRACTORS

Tele { Gram : "TACKLE" Bor
"TACKLE" Ako
"VIDUT" Nag
Phone :

PANALAL BANSILAL BUILDING.
24-B. HAMAM STREET.

Ref. No. 1078

BOMBAY, 24th February 1950.

The Executive Engineer,
South Karnatak Public Health Division,
Dharwar.

Dear Sir,

Sub: Tender for the construction of
Waste Weir on the Neerasagar Dam.

The Challan No.316 for Rs.14830/- on the Imperial Bank of India, Poona, which we submitted along with our tender, was returned by you duly endorsed in our favour and the same was deposited with our Bankers, the Central Bank of India Ltd., Bombay,, on the 3rd instant, for collection. Although more than 3 weeks have passed our Bankers could not realise this amount from the Imperial Bank nor could they explain this abnormal delay.

We have therefore to request you to take up this matter with the Imperial Bank of India, Poona, to find out where the delay is and we may be intimated accordingly. We need not point out that we have been put to great inconvence because of this unusual delay.

Thanking you,

Yours faithfully,
For The Allied Construction Co.Ltd.

DIRECTOR.

Copy with compliments to:

1. The Chief Engineer & Secretary,
P.W.D. Secretariat,Bombay.

2. Imperial Bank of India,Bombay.

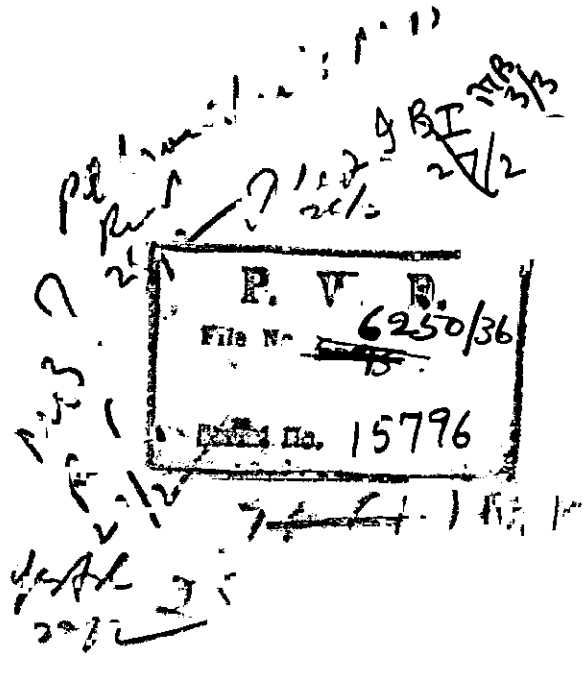
P.T.O.

P.T.O.

214

3. The Imperial Bank of India, Poona.

4. The Central Bank of India Ltd., Bombay.



215

Below copy of letter No. nil from dated 9th February 1950 from the Precision Construction Co. Bombay, addressed to the Executive Engineer, Karnatak Public Health Works Division, Dharwar and copy to this office.

***

" We have for acknowledgement your letter No.A.1.Dam/632 of 1950 dated 2nd February 1950, which was received by us today. In reply, we have to refer you to our letter of the 4th inst., which must be in your hands long ere this.

In the light of the above letter we opine that we have nothing to add with reference to para 1,2,3 and 4 of your letter under reply.

With reference to para 5, without prejudice, we have to invite your attention that while submitting the tender we have already submitted the requisite Solvency Certificates for the two separate tenders invited by you.

Since these are two separate tenders and since we have submitted the requisitei Solvency Certificates for each of them, we find that the question of further Solvency Certificates as demanded by you, does not arise.

Also in the light of our letter dated the 4th inst., this matter arises no more.

Your comments are invited,

Thanking you ".

"TRUE COPY"

xx

Head Clerk to the
Public Health Engr.to Govt

B

G:K/-

Below copy of letter dated 10th February 1950 from Precision Construction Co. Bombay 4, addressed to this office.

***

We have just received your letter No.A.1.A/1356 of 1950 dated the 8th inst. and have to invite your kind attention to the copy of our letter dated the 9th February to the Executive Engineer, Dharwar, which we hope must be in your hands ere this.

The letter from the Executive Engineer, Dharwar you refer to, was received in our office on the 9th inst. and so we opine that the question of your surprise does not arise.

We believe that the decision has been considerably delayed in this matter and hence we were compelled to whthdraw our tender, which has been done before your Executive Engineer wrote to us his letter referred to by you.

However, we are prepared to meet you personally at your call.

Thanking you and always at your service."

--

"TRUE COPY"

Head Clerk to the
Public Health Engr.to Govt.

G:K/-

41

Letter

VERY URGENT

No.S.W.3.27/2060 of 1950.

Poona:dated: 24th Feb.1950.

To

The Executive Engineer,
Karnatak Public Health Wks.Divn.
Dharwar.

Subject:- Neersagar Water Supply Scheme.
Tenders for the Earthan dam- -

Reference: This office No. A-1-A/1356 of 8-2-1950.

Further action on M/s Precision Construction Co.'s letter dated 4-2-50 was discussed with the Chief Engineer, Public Works Department, by me on the 15th instant and again on the 23rd instant. The Chief Engineer has contacted the contractors in this matter and the whole question is under discussion with the Government. Further orders of Government should please be awaited.

Public Health Engineer
to Government.

D.A.:-Nil.
24-2-50.

Copy forwarded with compliments to the Chief Engineer, for information with reference to personal discussion on the 23rd instant. Copy of the firm's reply to this office No. A.1.A/1356 dated 8th Feb. 1950 and copy of their letter dated 9th Feb. 1950 to my Executive Engineer, are enclosed herewith for information.

D.A. 2 letters.

P. W. D.
File No. 6250/36
Serial No. 16165

Telegrams: "STONESLAB"

Telephones: Office: 42965, 41275, 28597
Res. 33589, 43100

PRECISION CONSTRUCTION Co.

CIVIL & CONSTRUCTIONAL ENGINEERS.

Partners:
C. H. GANDHI, B. Sc., (Eng) Lon.
J. K. LADIWALA.
D. G. SAMPAT.

ROUND TEMPLE,
BOMBAY-4.

Without Prejudice 2nd March 1950

The Chief Engineer (Irrigation),
Public Works Department,
Bombay.

Dear Sir,

Re: Tender for Construction of Earthen Dam, Waste Weir and allied works in connection with Neersagar Water Supply.

With reference to the previous correspondence and several interviews with your goodself, we have explained to you how because of the delay on the part of the Government in accepting our tender the circumstances had changed. We regret therefore that we are unable to reconsider our stand in the matter.

Yours faithfully,
For PRECISION CONSTRUCTION CO.,

Partner.

C.C. with compliments to:

1. Public Health Engineer, P.W.D., Poona.
2. Executive Engineer, Karnatak Public Health Works Division, Dharwar.

Copy of letter No.A-1/1178, dated the 27th February 1950, from the Executive Engineer, Karnatak Public Health Works Division, Dharwar, to this office, re: Tenders for Dam and Waste Wier.

Reference: Messrs. Doddanavar Bros's forwarding letter with their tender for Waste Weir with allied works - Your letter No. S.W.3-27/1960, dated 22nd February 1950.

With reference to your No. cited above forwarding Govt. remark on the above subject for my remarks, I have to state as under. With particular reference to the statement"the second lowest tenderer has definitely taken advantage of our previous quotations which we feel that he has been given the privilege to know". This statement is misleading and rather mischievous and has been made in their forwarding letter of their tender for "Waste Weir, Curtain wall and apron wall" which were called and opened on a date subsequent to the date of calling and opening of the tenders for "Dam & other allied Works". This statement was therefore not made by Messrs. Doddanavar Bros while submitting their tender for "Dam" as has been indicated in the Govt. letter under reference.

(1). The tenders for the Dam, Waste Weir etc. as <u>one work</u> were called as far back as March 1949 and opened in presence of the Contractors' representatives on the date of receipt by my office as was notified and required by rule No. 201 of P.W.D.Manual. The tenders received were sent to the Public Health Engineer to Govt.,Poona, for further disposal i.e. forwarding to Government for taking a decision and they were rejected by Government.

If the Contractors' contention refers to these tenders and their rates it is obvious that these may have been known since the tenders were opened in the presence of their representatives. These were,however never shown by my office to any contractors after the tenders were opened and sent to the Public Health Engineer to Govt.,Poona.

(2) If the contractors' contention is on the 2nd inviting of tenders when the works were purposely split up in two tenders for getting more competetive rates and to be received and opened on two different dates, it is no wonder tha the rates opened on the 1st tender (in this case the Dam work) were known to all but not only to the 2nd lowest as alleged by M/s Doddanavar Bros, since the tenders for the dam work were opened in presence of the representatives of all the competing firms on this work, viz. Hindustan Construction Company, Supreme, Billimoria, Precision and Doddanavar as required by rules.

(3) In view of the above facts, it was natural for all the competing firms to take advantage of the rates opened on the 1st tender (Dam tender) while quoting their rates for the 2nd tender (waste weir etc.).

Since the allegations contained were considered baseless and required no refutation, no remarks by my office were thought necessary.

A copy of M/s Doddanavar Bros forwarding letter with their tender for "Waste Weir, Curtain Wall and Apron walls is sent herewith as desired.

Enclo: One copy.

"TRUE COPY"

xx Head Clerk to the
Public Health Engineer
to Government.

BWK/6-3-50.

225

Subject:- Tender for Waste-Weir, Curtain Wall and Apron Walls in connection with Neersagar Water Supply Scheme for Dharwar and Hubli.

To

The Executive Engineer,
Karnatak Public Health Division,
Dharwar.

Sir.

Herewith please find our tender forthe above-said work. The solvency certificate produced for the Dam Work which in the remotest chances is likely to be entrusted to us, holds good for this item also.

We would like to bring to your notice that the contractor who succeeds in getting this item of work will actually come in the working field at the fag end of the second season or early in the third season of the working programme. With the adoption of Syphon Spill-way he will come still more late in the field. Till then, he will have to keep his Earnest Money and Security Deposit amount locked up for no purpose. Having been bound down by the rates for the items to be done in the third season, he will have to take the risk of the vagaries of the labour problem and the political situation of the country.

Secondly, we doubt whether the lowest tenderer for Dam work will really undertake the work on executing the Agreement Bond after his tender is acceptad, in as much as it is quite clear as Day-light that it is humanly and mechanically impossible for him to execute the work at the cost quoted by him unless he means to contribute about Rs.15 lacs as charity on the execution of the said work for which Dharwar and Hubli people will be highly grateful. It is highly probable that he may even refuse to execute the Agreement Bond with the risk of losing the Earnest Money, provided there is a chance of inviting the second lowest man to undertake the work. Hope it will not be the case to avoid foul play in as much as the second lowest man has definitely taken advantage of our previous quotation which we feel that he has been given the privilege to know. Now that we know his quotation and that he knows our quotation.We only request the Govt. to give both of us a fair chance to compete without accepting the second lowest tender on the ground that the lowest man refuses to do so, in which case the Govt. may be assured that the Dam work cost will be still less than quoted by the second lowest man.

If by chance it is decided to re-invite tenders for the Dam Work, then tendering for the item of Waste-Weir at this stage will be too early.

Thirdly, the excavated materials from the foundation of the waste weir are presumed to be utilised for the protion of the Dam to be completed in the Fourth working season. In that case material excavated in the scond or third season will have to be stacked and reused in the fourth season for which payment may even be withheld till then. Having stacked the material for a season or two, it will have to be practically re-excavated while re-using it and in which case the cost of the item will be unnecessarily higher than in the case where the excavated material is used immediately after the excavation. As it is not likely that the materials will be allowed to be used immediately after excavation and as the point has not been made clear in the specifications and programme of works, one has to quote on the basis that the excavated materials will have to be stacked for a season or two before it is used for Dam work.

On consideration of the above factors,Sir, we have tendered for this work, with an assurance that we will deposit the necessary Earnest money along with the Security Deposit amount as and when we are called upon to begin the work provided our rates are accepted. Or we may even suggest that the tenders for this work may even be invited at a late period when taking of the item in hand appears to be necessary which will definitely avoid keeping both the Govt. and the contractor bound for certain rates well in advance. It is too ~~prm~~ premature to accept tenders for this work at this stage.

P.T.O.

nr 6

Address:-
M/s Doddanavar,Bros.
Dharwar Road,
Belgaum.

"TRUE COPY"

?

Head Clerk to the
Public Health Engineer
to Government.

DWK/6-3-50.

No. 2519 of 1950,

Poona 1, 7th March 1950.

To

The Chief Engineer,
Public Works Department,
Bombay 1.

Sub:- NEERSAGAR WATER SUPPLY SCHEME.
Tenders for Earthen Dam & Waste Weir....

Reference: Government letter, Public Works Department No. 6250/36-M, dated the 13th February 1950.

2. I enclose herewith a copy of No. A-1/1178, dated the 27th February 1950, from the Executive Engineer, Karnatak Public Health Works Division, Dharwar, for information of Government. Having failed to secure the work at their first attempt, M/s Doddanavar Bros, have written long letters of complaint to Government about their rates being fair and that they should be given the work. Atk the time of opening their tender 2nd time, they found that their rates were neither lowest or 2nd lowest. They have taken the opportunity of putting up allegations which are baseless and valueless. The tenders are opened in the presence of contractors or their representatives and are forwarded to Government in a strict confidential manner. At no stage, the contractors are given any hint about the previous tenders or rates by the responsible officers and personnel of the department, and as such, the question of any 'previlege' does not at all arise. The total value of the tender of M/s Doddanavar Bros for the first tender, was Rs. 73.34 lakhs, while the total of the 2nd lowest at the time of recalled tenders, is about Rs. 63 lakhs, and with no strech of imagination it can be construed that the latter has taken an advantage of the rates quoted by the former at the first time. As the allegations made were meaningless, no comments were made at the time of forwarding the tenders.

D.W. Wadk

Public Health Engineer
to Government.

D.A. One.
DWK/6-3-50.

Copy forwarded with compliments, to the Executive Engineer, Karnatak Public Health Works Division, Dharwar, for information.

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6250/36
9141

VERY URGENT.

No.S.W.-327/Tender/ 256/ of 1950,
Poona 1, dated 8th March 1950.

To

The Chief Engineer,
Public Works Department,
Bombay 1.

Sub:- Neersagar Water Supply Scheme
Construction of Earthen Dam,
Waste Weir and Allied Works.

Please refer to the correspondence on the above subject, ending with M/s Precision Construction Company's letter dated the 2nd March 1950, addressed to you and copy to this office. From this, it will be seen that the firm has finally refused to undertake the work for which their tenders were accepted by Government under Government letter, Public Works Department No. 6250/36-M, dated the 20th January 1950, on the only excuse that there was long delay in deciding the tenders. In view of this, further instructions of Government are solicited. At present, my Executive Engineer has retained the earnest money of M/s Precision Construction Company and also of M/s J.H.Billimoria & Co., who were the second lowest, while the earnest money of others have been refunded.

2. There appears to be two courses open now (i) to give the work to the second lowest by negotiations and also call for negotiated rates from the third lowest M/s Doddanavar Bros, who have themselves suggested in their forwarding letter that they would agree to negotiate in the matter. If instructed, I will take up this matter with these two contractors and inform the result to Government. I, however, do not hope these contractors will agree to reduce their rates considerably. We have already invited tenders twice and I do not suggest recalling of the tenders, as I am afraid the contractors may not come forward at that time and the process of calling open tenders will take a long time.

3. The second course open to Government is to reject all the remaining tenders and allow the work to be carried out departmentally. This, I have already suggested in my number A-1-5/6395 dated 21st June 49 while submitting tenders for the first time. In that event and the work being taken up departmentally, Government will have to assist me in procuring some earth-moving machinery quickly. We can atleast immediately start building hutting for workmen etc., and organise execution of work on departmental basis. Even if the work of the earthen dam is proceeded with departmentally, we can after a year or so, call for tenders for the masonry waste weir as this item can be easily taken up after twelve months or so. What is required now is to make a start with the construction of the earthen dam and hence very early orders of Government on this are requested.

4. At present, water supply to Hubli and Dharwar is precarious and there will actually be scarcity during this hot weather and both the Municipalities are making emergency arrangements by providing pumping plants on all available wells. These towns have developed considerably during the last few years and can no longer be left to depend on the existing source of water supply.

5. In the event of Government agreeing to any of my suggestions, instructions may also please be issued regarding the return of deposit of M/s Precision Construction Company.

D.A. Nil.
DWK/8-3-50.

Public Health Engineer
to Government.

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Copy forwarded with compliments, to the Secretary to Government, Public Works Department, Bombay, for information.

The Executive Engineer, Karnatak Public Health Works Divn., Dharwar for information.

2701

VERY URGENT.

No.S.W.-327/Tender/ 2561 of 1950,
Poona 1, dated 8th March 1950.

To

The Chief Engineer,
Public Works Department,
Bombay 1.

Sub:- Neersagar Water Supply Scheme
Construction of Earthen Dam,
Waste Weir and Allied Works.

Please refer to the correspondence on the above subject, ending with M/s Precision Construction Company's letter dated the 2nd March 1950, addressed to you and copy to this office. From this, it will be seen that the firm has finally refused to undertake the work for which their tenders were accepted by Government under Government letter, Public Works Department No. 6250/36-M, dated the 20th January 1950, on the only excuse that there was long delay in deciding the tenders. In view of this, further instructions of Government are solicited. At present, my Executive Engineer has retained the earnest money of M/s Precision Construction Company and also of M/s J.H.Billimoria & Co., who were the second lowest, while the earnest money of others have been refunded.

2. There appears to be two courses open now (i) to give the work to the second lowest by negotiations and also call for negotiated rates from the third lowest M/s Doddanavar Bros, who have themselves suggested in their forwarding letter that they would agree to negotiate in the matter. If instructed, I will take up this matter with these two contractors and inform the result to Government. I, however, do not hope these contractors will agree to reduce their rates considerably. We have already invited tenders twice and I do not suggest recalling of the tenders, as I am afraid the contractors may not come forward at that time and the process of calling open tenders will take a long time.

3. The second course open to Government is to reject all the remaining tenders and allow the work to be carried out departmentally. This, I have already suggested in my number A-1-5/6395 dated 21st June 49 while submitting tenders for the first time. In that event and the work being taken up departmentally, Government will have to assist me in procuring some earth-moving machinery quickly. We can atleast immediately start building hutting for workmen etc., and organise execution of work on departmental basis. Even if the work of the earthen dam is proceeded with departmentally, we can after a year or so, call for tenders for the masonry waste weir as this item can be easily taken up after twelve months or so. What is required now is to make a start with the construction of the earthen dam and hence very early orders of Government on this are requested.

4. At present, water supply to Hubli and Dharwar is precarious and there will actually be scarcity during this hot weather and both the Municipalities are making emergency arrangements by providing pumping plants on all available wells. These towns have developed considerably during the last few years and can no longer be left to depend on the existing source of water supply.

5. In the even of Government agreeing to any of my suggestions, instructions may also please be issued regarding the return of deposit of M/s Precision Construction Company.

Public Health Engineer
to Government.

D.A. Nil.
DWK/8-3-50.

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Copy forwarded with compliments, to the Secretary to Government, Public Works Department, Bombay, for information.

The Executive Engineer, Karnatak Public Health Works Divn., Dharwar for information.

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MS 10/3

R. 5 9

P. W. D.
File No. 6250/36
Serial No. 19309

M. K. 10/3/39 R 11

6250/36/19309.

M.B. P. W. Deptt.

Submitted with ref. to the H. M., P. W. D's minute dt. the 8.3.50 and G.L. No. 6250/36-M dt. 13-2-50.

2. Letter dt. the 2.3.50 from M/s. Precision Construction Co., Ltd.:—pl. see the H.M., P.W.D.'s minute dt. the 8.3.50. The Co. has expressed their inability to undertake the works of the earthen Dam, Waste weir and allied works in con. with the Neersagar Water Supply Scheme, on account of change in circumstances owing to the delay on the part of Govt. in accepting the tender.

3. P.H.E's. letter No. S.N.-327/tender /3561 dt. the 8.3.50 :- As M/s. Precision Construction Co. have since refused to undertake the work in con. with the Neersagar water supply scheme, the P.H.E. requests orders of Govt. regarding the return of the security deposit of that Co. In this Con. he states that the deposits of the contractors except M/s. Precision Construction Co. and M/s. T.L.Bilimora & Co. who were the second lowest have already been refunded.

4. In order to proceed with the work of Neersagar Water Supply Scheme, The P.H.E. has suggested two alternatives i) To give work to the second lowest contractor by negotiations and also call for negotiated rates from the third lowest tenderer viz. M/s. Doddanavar Bros. or ii) To reject all the remaining tenders & and allow the work to be carried out departmentaly. As regards the first suggestion he is doubtful whether in spite of the negotiations the contractors refd. to above will agree to reduce their rates considerably. Regarding the 2nd he has explained the position in para. 3 of his letter.

5. In view of the above, orders are solicited on the following :-

1) Whether the deposit of M/s. Precision Constn. Co. may be refunded.

2) Whether the P.H.E. may be instructed to negotiate with the second lowest contractor viz.

M/s. .....

M/s. Billimora and Co. and third lowest viz. M/s. Doddanavar Bros. in the matter, and communicate the result to Government.

or

3) whether the work may be carried out departmentally.

6. On receipt of orders, necessary further action will be taken in the matter.

7. P.H.E.'s letter No. 2519, dt. the 7.3.50 :- As directed by the A.M., I.W.D. in his note dt. the 20.1.50, the P.H.E. to Govt. was asked vide U.O. dt. the 13-2-50 to report in the matter. He states that the allegations made by M/s. Doddanavar Bros. are baseless and valueless. He adds that the tenders are opened in the presence of contractors or their representatives and are forwarded to Govt. in a strict confidential manner. At no stage, the contractors are given any hint about the previous tenders or rates by the responsible officess and personnel of the Deptt. and as such the question of any 'prevéledge' does not at all arise. Moreover he states that the total value of the tender of M/s. Doddanavar Bros. for the first tender was Rs. 73.3/ lakhs while the total of the 2nd lowest at the time of recalled tenders is about Rs. 63 lakhs and thus it cannot be construed that the latter has taken an advantage of the rates quoted by the former at that time. In view of the P.H.E.'s remarks no action appears necy. on this ref.

8. Lette No.1078, dt. the 24-2-50 from M/s. The Allied Construction Co., & P.H.E.'s letter No. S.W.3/27/2060, dt. the 24-2-50:- No action is called for on these references.

-Thro' D.F. "A"

14-3-50

14-3-50

The earnest money of the defaulting Contractors may be forfeited to Govt.
The Arrangements may be made to start works departmentally - Negotiations with Contractors would only delay starting of the work without any certainty of it being successful.
M/s Doddanavar Bros' allegations are not worth consideration in view of the PHE's explanation.

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14-2-50

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Hon'ble M.

I have asked PHE to contact the second lowest and the third lowest and ascertain from them whether they are willing to undertake the work at the cost of the lowest. The result of that information should be awaited.

If the result is unfavourable, then I would consider it desirable to undertake the work departmentally & order out earth moving machinery for completion of the job. Though this will mean some delay in the start, I am sure work could be completed in the time stipulated in the present contracts.

As regards refund, there were two tenders visited & the dates of receiving tenders were different. Surely when the date was within the stipulated time limit, the deposit could be forfeited.

15-3-50.

Pl state on forfeiture of deposit

Yes - A.L.

Spoken - As per rule forfeiture of deposit should be put by PWD

17/3

231

No.S.W.3.27/tender/2842of 1950.

Poona 1, 14/15 March 1950.

From:-

S.E.Wadia, Esqr.,B.E.,A.M.I.E.,M.R.San.I.,
Public Health Engineer to Government, ~~in~~ Poona 1.

To

Messrs. J.H. Billimoria & Co.,
Pallonjee House, New Charni Road,
Bombay No.4.

Subject :- Neersagar Water Supply Scheme.
Tender for Earthen Dam & Waste Weir.

Dear Sirs,

Please refer to your two tenders for the above work submitted to my Executive Engineer, Karnatak Public Health Works Division, Dharwar. I would like to discuss various matters in connection with these tenders with your representative and particularly the rates quoted by you. If you are agreeable ~~m~~ to reduce your rates so as to bring the total of your two tenders to about Rs. 50 lakhs, I may be able to request Government to consider your tenders. Please,therefore, study this aspect carefully so as to be able to give me your definite figures after your discussion with me.

2. I shall be glad to meet your representative in my office on 20th instant between 11 A.M. to 1 P.M. in this connection.

Yours faithfully,

D.A.Nil.
SLP/14-3-50.

Public Health Engineer
to Government.

Copy forwarded with compliments to the Chief Engineer to Government, Public Works Department, Bombay for information in continuation of this office No.S.W.3.27/tender/2561 dated the 8th March 1950 and with reference to personal discussion on 13th instant.

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P. W. D.
File No. 6250/36
Serial No. 2116

MB
15-3-50

239

VERY URGENT.

No.S.W.3.27/tender/2841 of '50.

Poona 1, 14th March 1950.

From:-

S.E.Wadia, Esqr.,B.E.,A.M.I.E.,M.R.San.I.,
Public Health Engineer to Government, Poona 1.

To

Messrs. Doddanavar Bros,
Dharwar Road, Belgaum.

Subject :- Neersagar Water Supply Scheme.
Tenders for Earthen Dam & Waste Weir.

Dear Sirs,

Please refer to your letter under which you submitted your tender for masonry waste weir etc. to my Executive Engineer, Karnatak Public Health Works Division, Dharwar. I would like to discuss various matters in connection with this tenders with your representative and particularly the rates quoted by you. If you are agreeable to reduce your rates so as to bring the total of your two tenders to about Rs. 50 lakhs, I may be able to request Government to consider your tenders. Please,therefore, study this aspect carefully so as to be able to give me your definite figures after your discussion with me.

2. I shall be glad to meet your representative in my office on 20th instant between 11 A.M. to 1 P.M. in this connection.

Yours faithfully,

D.A.Nil.
SLP/14-3-50.

Public Health Engineer
to Government.

Copy forwarded with compliments to the Chief Engineer, Public Works Department, Bombay for information in continuation of this office No. S.W.3.27/ tender/2561 dated the 8th March 1950 and with reference to personal discussion on the 13th instant.

MB
T613

Rec'd 15/3/50

P. W. D.
File No. 6250/36
Serial No. 21163

MB
15-3-50

Mr. K.
14/3/50

TELEPHONE: 44853.

CODES:
A. B. C. 5TH EDITION
& BENTLEY'S 1ST EDITION

J. H. BILLIMORIA & CO.

BUILDERS, CONTRACTORS & SANITARY ENGINEERS.

SOLE PROPRIETOR

JAL H. BILLIMORIA, B.E.

LATE MANAGING PARTNER

PALLONJEE EDULJEE & SON

PALLONJEE HOUSE,
NEW CHARNI ROAD,
BOMBAY 4.

Your Ref.....

Our Ref. 61/50.

DATE 23rd March, '50.

To:

The Public Health Engineer to
The Government of Bombay,
Central P.W.D. Buildings,
POONA.

Dear Sir, Re:- Tenders for Neersagar Dam, Dharwar.

With reference to the recent discussions with you regarding the above works, our quotations are very reasonable when compared to the higher tenders. A rough analysis of the lowest tender, however, shows that the prices quoted are actually about 15% below cost, and are therefore absolutely unworkable.

Nevertheless, since you desire our lowest possible quotations, we are willing to reduce 6¼% on the tender for the Earthen Dam and allied works only. We regret, we cannot offer any reduction in the Waste Weir Tender, as the rates already quoted are the lowest possible workable rates. On the basis of 6¼% reduction, the amended figures would therefore be:-

(a) Earthen Dam and allied works:-	Rs	41,56,944.
(b) Waste Weir:-	Rs	19,30,427. -
Total	Rs	60,87,371.

This offer is however subject to the following conditions:-

(1) That tools, plant and machinery available for your department, which will be suitable for our purpose, will be handed over to us, and 25% of their cost debited to us and recovered from the final bill, if such machinery etc. is used by us throughout the whole period.

(2) That, as the stone pitching as mentioned in your specification is quite unnecessary and the type of stone not easily available, we be allowed to use local and easily available stones, with suitable headers wherever necessary. This work would equally serve the purpose of the pitching as mentioned in your specification

(3) That this offer of 6¼% reduction is open up to the 15th April, 1950 only, as we consider this the last date by which we must have

your reply to enable us to start work in the present working season.

The amended figure of Rs 60,87,371. is now about 12% lower than the 3rd lowest tender, and we hope you find this satisfactory.

In conclusion, we might mention that a large proportion of our profits will be taken by Government in the shape of income-tax, and it will be Government who ultimately get the benefit.

We trust, you will accept our revised tender.

Yours faithfully,
For J. H. Billimoria & Co.

Jal H Billimoria
Proprietor.

245 S. T. No. T. A. 606

DODDANAVAR BROTHERS

(The B. & F. W.)

IMPORTERS

All kinds of Oil Engines, Agricultural & Industrial Machineries

Dharwar-Road,

Ref._____

Belgaum 25th March 1950.
27th

To,
The Public Health Engineer,
To, The Government of Bombay,
P O O N A . 1.

Sir,

Re: Your reference No. S.W. 327/tender/3138 of 23rd March 50.

In view of the great difficulties met with in importing the necessary earth moving machinery, and spare parts from abroad, we have to depend entirely on the mannual labour for the execution of the work. Labour problem is becoming day by day headache. The political conditions in our state and the dominion, are also very perplexing to the governing bodies. As such,it is quite clear that factors affecting the cost of " Neersagar Dam and Allied Works " have undergone such a vast change, since the time of submission of our tender for the first time, that any firm going in for big work can hardly reduce the cost tendered for the second time.

Still after careful consideration, we are agreeable to reduce our tendered rates by 3 percent only. (Three)

Hoping you will please accept our tender without any further delay, so that we may get busy in going ahead with the arrangements for starting the works with least delay.

Yours faithfully,

for Doddanavar Bro.

Representatives for Engines:-
Berg
Skandia
Drott

Suppliers of:-
Centrifugal pumps
Grinding mills
Rubber Belting
Pipes
Bends etc.

We undertake fittings of all kinds of pumping sets and erection of Generating sets for lighting purposes

27/3/

247

TELEPHONE: 44853.

CODES:
A. B. C. 5TH EDITION
& BENTLEY'S 1ST EDITION

J. H. BILLIMORIA & CO.

BUILDERS, CONTRACTORS & SANITARY ENGINEERS.

SOLE PROPRIETOR
JAL H. BILLIMORIA, B. E.
LATE MANAGING PARTNER

PALLONJEE EDULJEE & SON

PALLONJEE HOUSE,
NEW CHARNI ROAD,
BOMBAY 4.

Your Ref.....

Our Ref...63/50..

DATE 27th March, 1950

The Public Health Engineer to Government,
P O O N A.

Dear Sir,

Re:- Tender for Neersagar Earthern Dam & Allied Works.

With reference to your letter No.SW3/27/tender/3137 dated 23rd instant, we may state here that in response to public advertisement we had already submitted our tenders to your Executive Engineer and we were the second lowest tenderer for the above work. As regards the Waste Weir, our tender was by far the lowest. As the contractor who was lowest for the above work, has refused to undertake the work, the contracts for these works should have been awarded to us straight-away and without any discussions with you. We very much regret to note that you are trying to negotiate with other contractors and this procedure we are sorry to say is against all principles and sanctity of tenderers, which is not desirable.

However, since you desire that this work should be carried out at the lowest price possible, we have quoted our reduction in our letter No.61/50 dated 23rd instant in which we have mentioned that we are prepared to reduce 6¼% as per the conditions given in our previous letter, for the Earthern Dam and Allied Works.

Please also note that we are not willing to wait indefinitely for decision on this work, as we are compelled to refuse other contracts with a view to keep our capital full for this contract.

Thanking you,

Yours faithfully,

for M J.H. Billimoria & Co.
Jal H Billimoria
Proprietor.

2713

URGENT. No.S.W.3.27/tender/ 3323 of 1950.

Poona 1, 28th March 1950.

From:-

S.E.Wadia, Esqr.,B.E.,A.M.I.E.,M.R.San.I.,
Public Health Engineer to Government, Poona 1.

To

The Chief Engineer to Government,
Public Works Department, Bombay.

Subject :- Neersagar Water Supply.
Tender for Earthen dam & Allied works.

Reference - This office Nos. S.W.3.27/tender/2841 and 2842 dated the 14th March 1950.

2. As intimated in my above Nos., the contractors Messrs. Doddanavar Bros. and Messrs. J.H. Billimoria & Co, were called for full discussion of the rates etc. and both the parties responded to thi request and I had a full discussion with the representatives of both these firms. As a result of this discussion, I wrote to them on the 23rd instant to send in their percentage of reduction to their previous tendered rates, so as to reach me by 4 P.M. on the 27th instant. The representative of both the contractors came with their offer yesterday and these were opened in the presence of their representative and I enclose herewith 3 letters, in original, received from these contractors.

3. As a result of this discussion Messrs. J.H.Billimoria & Co. have agreed to reduce their rate by 6½% for their first tender of earthen dam and allied works but have showed their inability to reduce anything in the second tender of waste weir. On the basis of this reduction the cost of the two works tendered by them works out to Rs. 60,87,376/-. - Messrs. Doddanavar Bros. offered reduction of 3% only on both their tenders. Their original figures of works was Rs.70,18,552/- and with present reduction their cost comes to Rs.68,07,996/-. Thus it will be seen that difference between Messrs. J.H. Billimoria & Co. and Messrs. Doddanavar Bros now is Rs.7,20,620/-.

4. As Messrs. Precision Construction Co. have withdrawn their offer, only alternative appears is to accept the revised quotation of Messrs. J.H. Billimoria & Co., if work is to be given on contract, otherwise the work will have to be started departmentally.

5. Recently I visited Dharwar and stayed there for 3 days from 16th to 18th March 1950 and during my stay there I made detailed enquiries about rates of labour and material, at present prevailing at Dharwar. Labour rates prevailing at Dharwar now are nearly 4 times the pre-war rates. The rates per day of Male and Female Waddar Mazdoors is Rs. 3-4-0 to 3-8-0 against the pre-war rate of Rs.-/14/-. In the first contract work of earthen dam and allied works main labour required is that of Waddars. The estimates prepared are on the basis of 100% above the pre-war rates and on these basis the cost of the work is Rs. 19,61,472/- and thus the present day estimated cost with prevailing rates of labour works out to Rs.39,22,944/- against which Messrs. J.H. Billimoria & Co. have quoted is Rs.41,56,949/- after taking into account the reduction now offered. However their tender for the waste weir is only 30% above the estimated cost and is definitely on the lower side. If the work is to be taken up departmentally, I am afraid it is not likely that we will be able to complete the work at much cheaper cost, unless the work is done mechanically. But for this we have at present no machinery at hand and unless we have about four units of excavators, departmental work is not likely to make big headway or save cost. During my stay at Dharwar I also learnt that the labour for this work is not likely to be available locally as villages round about the site of the works have a population of less than 1000 and they are all agriculturists. As such spare labour is not likely to be available fr

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the locality and we will have to import large number of labourers for this work. In view of all the above, I now feel that it would be desirab to accept the second lowest tender of Messrs. J.H. Billimoria & Co. at the prices now offered by them and make an early start on this work.

6. As already intimated to Government in my previous letter, water supply position of Dharwar and Hubli is very precarious and unless this scheme is implemented very early, water supply position to these towns is not likely to improve as their present tanks are too small to meet the requirements of the whole town. I would, therefore, request Government to pass very early orders on this. I would also refer to clause 3 of the conditions put forth by Messrs. J.H.Billimoria & Co. in which they have kept their offer open upto 15th April 1950 and as such orders of Governme should please be obtained very early.

7. I return herewith 2 sets of tenders and 2 comparative statements for reference of Government.

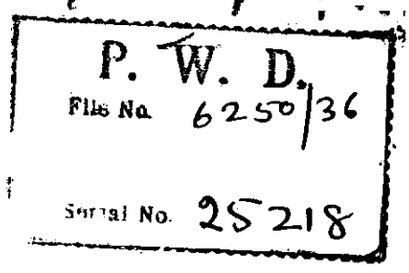
8. Instructions regarding earnest money of Messrs. Precision Construct Co. may also please be issued.

D.A. 3 letters
in original.
will follow by Regd. post. {2 sets of tenders. 2 comparative statements}
SLP/28-3-50.

Public Health Engineer
to Government.

252

MB 29/3.



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URGENT. No.S.W.3.27/tender/3323 of 1950.

Poona 1, 28th March 1950.

From:-

S.E.Wadia, Esqr.,B.E.,A.M.I.E.,M.R.San.I.,
Public Health Engineer to Government, Poona 1.

To

The Chief Engineer to Government,
Public Works Department, Bombay.

Subject :- Neersagar Water Supply.
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7. I return herewith 2 sets of tenders and 2 comparative statements for reference of Government.

8. Instructions regarding earnest money of Messrs. Precision Construc Co. may also please be issued.

D.A. 3 letters
in original.
2 sets of tenders.
2 comparative statements.
SLP/28-3-50.

Public Health Engineer
to Government.
28/3

257 No. 3324

Office of the
Public Health Engineer
to Government.
Poona 1, 28th Mar., 1950.

Dear Gurjar,

As discussed with you on the 13th instant, I wrote to Messrs. J.H.Billimoria & Co. and Messrs. Doddanavar Bros in connection with the tender for Neersagar Dam and Waste Weir Works. I enclose herewith a copy of my official letter written to you today for your ready reference. It will be seen from this that there is absolutely no likelihood of any contractor agreeing to take up the work at the cost quoted by Messrs. Precision Construction Co. who have finally withdrawn their tender. After my last visit to Dharwar, I am now convinced that rates quoted by Messrs. Precision Construction Co. were not workable and firm having seen this at a later stage have withdrawn their tender mainly with a desire to save losses. In view of this I now suggest that we should accept the offer given by the second lowest and proceed with the execution of the work.

D.A. 1 letter.

Yours Sincerely,
N.P.Nawle

To

Shri. N.P.Gurjar,
Chief Engineer to Government,
Public Works Department,
BOMBAY. 1.

I feel that we must do this work departmentally by using machinery -
A list of mechanical units necessary will have to be made in Consultation with Mr Dhanak after same ordered out
I am confident that the cost of the work if

NG
29/3/50

done mechanically would never exceed the figure quoted by Mr Bellamuir & may be much cheaper

If we depended upon labour, the rates are bound to be very high & even then we are not sure whether we will be able to complete the work in time.

29.3.50

MB 29/3

P. W. D.
File No 625°/36.
Serial No 25260

Nellyarks.

Para 11(4)

Pl. see C.Es remarks of 1-4-50

He states that the time limit of acceptance of tenders shd be considered from the last date of acceptance of second tender (i.e. tender for waste weir). This date is not available on records of this office. Pl. arrange to ascertain it from the P.WEs' office by sending a trunk call message.

2. The Tender Secy has put the cost of earnest money as 34,436/- representing 1% of the estimated cost of tenders. This is also not available in records. Correct amount of the earnest money may also be ascertained from the E.WEs' office

The case may be returned to the audit the above date.

This is as per instructions of the Audit Sr.

20 Sept 50 M.B.

SE (P.W.)
3-4-50

Telephone Message

From:— Bomworks, Bombay

To:— Helenger, Poona.

Please refer to your letter No. S.W. 327/Tender/2861, dt. 7th 8/3/50, regarding Neersagar W.S. scheme and report immediately the ~~last~~ dates for receiving tenders for ~~from (i)~~ ~~M/s Precision Construction Company and (ii) M/s J. H. Billimoria & Company~~ for (a) Earthen dam and (b) Waste weir separately. Also report the amounting earnest money furnished by ~~the two firms~~ M/s Precision Construction Co.

Phoned 3rd 1.50 AM

No. 6250/36-M.

P. W. D

B.E. (Bombay No. 1)

30th April 1950.

Copy, by post, in confirmation to the P.H.E to Govt.

10 3/4/50

Rec'd 3-4-50

Asstt. Secy. to the G.of B. P.W.D.

Issue to dr

2/4/50

3/4

TELEPHONE MESSAGE.

From - Bomworks, Bombay.

To - Helenger, Poona.

Please refer to your letter No.S.W.327/Tender/2561, dated the 8th March 1950, regarding Neersagar Water Supply Scheme and report immediately the dates for receiving tenders for (a) Earthen dam and (b) Waste Weir separately. Also report the amount of earnest money furnished by Messrs. Precision Constructions Company.

No. 6250/36-M.

Public Works Department,
Bombay Castle (Bombay No.1),
3rd April 1950.

Copy, by post, in confirmation to the Public Health Engineer to Government.

Assistant Secretary to the Government of Bombay,
Public Works Department.

3.
RKP
3-4-50.

No.S.W.3.27/ 3576 of 1950.

Poona 1, 3rd April 1950.

To

The Chief Engineer to Government,
Public Works Department, Bombay.

Subject :- Neersagar Water supply scheme.
Construction of Earthen dam, waste weir, and allied works.

Reference - Telephone message from P.W.D. Secretariate @ 1.30 p.m. on 3rd April 1950 to this office.

2. The date of receiving the tenders for the above works are as under :-

S.No.	Name of work.	Date of receipt of tender upto 3 p.m.	Earnest money.
(1)	Earthen dam with corewall, irrigation and common outlets Approach and Tail channel.	27-10-1949	Rs. 21,300/-
(2)	Masonry waste weir, concrete curtain wall, masonry apron walls.	4-11-1949.	Rs. 14,830/-

Total Rs. 36,130

The order to start both the works was given under the Executive Engineer, Karnatak Public Health Works Division's No. 632 dated 2-2-50.

D.A.Nil.
SLP/3-4-50.

Public Health Engineer.
to Government.

Copy f.w.cs. to the Executive Engineer, Karnatak Public Health Works Division, Dharwar for information and early compliance.

MB
5/14

P. [illegible] D.
File No. 6250/36
Serial No. 26891

MB
4-4

M. B. P. W. D.

Resubmitted with refce. to the Secy's marginal note at p. 235 ante.

2. The question for our consideration is whether the earnest money of the defaulting contractors could be forfeited, and if so, under which provision of the contract.

3. In their letter of the 2/3/50, M/s Precision Constn. Co. have conveyed their refusal to proceed with the contract on the ground of delay on the part of Govt. in accepting their tender. It is not clear whether the contractors had stipulated that their tender held good for a particular period of time only. Before, therefore, forfeiting the earnest money the P.H.E. will have to verify whether the contractors had set a time limt for Govt. to comunicate the decision about their tender. If Govt. decision was conveyed to the contractors after the time limit, if any, set by the contractors the question of forfeiting the earnest money does not arise, the contractors not being liable to proceed with the work.

4. As regards the authority for forfeiting the earnest money, pl. see A on p. 2 of the standard B - 2 form which clearly vests in Govt. or the authority inviting tenders the power to forfeit the earnest money in the event of the contractor failing to abide by the terms of the contract. Similar provision is also contained in the "Notice to Contractor" usually issued at the time of inviting the tenders - vide pl. B of a specimen Notice form. Presumably the P.H.E. had issued such a notice.

5. Office is not aware of any parallel case in which a contractor's earnest money has been forfeited on the ground of the contractor refusing to complete the contract after acceptance of the tender. In the Kharepatan Creek Bridge case, the security deposit of M/s Jadhav & Co. was forfeited, because the firm proved itself incapable of completing the work. The present case is not, however, on all fours with that case.

6. The C.E. had instructed the P.H.E. to contact the second and third lowest tenderers and ascertain from them whether they were willing to undertake the work at the cost of the lowest tenderer. The P.H.E. has since reported the result of his negotiations - vide his letter No. S.W. 3.27/tender/3323, of the 28-3-50. The measure of success achieved by the P.H.E. in the course of his negotiations may be judged from the following statement.

Name of contractors:	Tender cost: Rs.	Reduced cost Rs.	Percentage of reduction.
M/s J.H.Billimoria & Co.	63,64,506	60,87,376	4.3 ~~6~~ 6 1/4 for earthen dam only.
M/s Doddanavar Bros:	70,18,152	68,07,996	3

7. The P.H.E. is of the opinion that owing to rise in the cost of labour and lack of heavy machinery with Govt. it would not be possible for to complete the works at cheaper cost by executing them departmentally. ~~T~~ He therefore recommends that the second lowest tender of M/s J.H. Billimoria & Co. at the price now offered by them be accepted. The offer of this firm is open up to 15-4-50 only. The C.E. is however, of the opinion that the work can be finished at cheaper cost if done departmentally - vide his note of the 29-3-50. (pp 257-58)

8. If the P.H.E's recommendation is accepted the ff. will have to be referred to the F.D. again.

2
Vsm/-
30/3/50

30/3/50.

30-3-50

Thro D.E.(P.H.)

Re- Earnest money of Messrs. Precision Constructions Co, the defaulting contractors.

The Earnest money amtg Rs 36,130 (X) can be forfeited to Govt in accordance with "B" on the page 2 of the Tender, Form B_2 (slip N) Since the contractors failed to execute the contract or alternatively rescinded the contract without any valid reason, after they were intimated of the acceptance of the contract.

Dam- Rs 21,300
W.W Rs 14,830
Total Rs 36,130 (X)

The following are the relevant points :-

a) Ref. See para 10 of the PHE's letter on p 164. The Contractors requested that both the tenders shd be considered together & work be given to them.

b) Ref the CE para's note on p 191- The Contractors were prepared to do both works at the rates quoted. This was on 8/50.

c) Govt issued orders accepting the tenders on 20/50 page 195

d) The EE communicated acceptance of Contract on 2/50 to the Contractors Vide PHE's letter on page 207.

e) The Contractors addressed the EE. on 4/50 requesting him to consider their tender as invalid, due to delay in acceptance of tenders.

f) The contractors had not stipulated any time limit for the acceptance of the ~~contracts~~ tenders and in a work costing about more than Rs 45 lakhs. Some time is likely to be required before final orders are issued. Three months' time is not an unduly long period and there has been no material inflatory change in the cost of materials or of labour during this period which the contractors could address for invalidating their contract.

g) The contractors' letter of the 4th was written with the full knowledge that their tenders were ~~was~~ accepted by Govt and ~~they~~ did not want to construed to mean that they did not want to fulfil the conditions of the tender as required by ~~the~~ to rules, deliberately.

~~If~~ If applied, the R.L.A. may be referred to for opinion whether the earnest money could be legally forfeited to Govt in the circumstances stated above.

Re - the execution of works, ~~the~~ the Billimoria's tender of Rs 60,87,376 against the estimated amount of Rs 34,43,612/- works out to more than 77% excess over the estimated cost or 354% of the previous rates.

Ply
30/3/50.

CE: The two tenders were called for separately with two different dates. As Messrs Precision Construction Coy wanted with the works, the time limit ~~from~~ will have to be considered from the last date for receiving tenders of the second tender & not the date of the first tender. Judged from this angle, the deposit can be forfeited of both

Secy.

(a) Last date was 4-11-49
(b) 3 months from (a) - 4-2-50
(c) The E.E issued order & the CO on 2-2-50

FA
5-4-50

the tenders

2. As regards steps for carrying out this work, I would suggest that this work be carried out departmentally with the help of contractors' machinery. Approximately machinery worth 10 to 12 lacs of rupees may be needed but the work could be started & finished within the time ~~of the contract~~ specified in the contracts.

3. If this is agreed to I will ask Mr Dhawan to visit the place & in view of his present experience on Langpar Dam draw up a list of machinery to be asked out for this work.

1/4/50

I agree.

Sey

5/4

8/4/50

10/4

12/4

10/4

6250/36/25-26.

M.B.

Resubmitted with ref. to the CE's note dt. the 1-4-50 approved by the Secy and the Hon.

2. Presumably the papers need not be shown to the P.A.C.

3. The draft put up may issue, if approved.

Thro. DE (DA)

1.2.50.

4 (a) As decided by Govt., all tenders received in this connection are to be rejected and the work is to be carried out departmentally. The P.H.E. will now have to make all preliminary arrangements for the work on departmental basis eg. L.S. sanitation, huts for labour etc. The work of constructing the earthen dam only may be allowed to be proceeded with departmentally. The work of masonry waste-weir whether to be given to a contractor by public advertisement or to be done departmentally may be decided after a year or so.

(b) Shri Bharat may now be requested to visit the site of the proposed dam immediately to advise on the programme of work and earth-moving machinery. As it would take some months to receive the machinery in hand after placing the order through the D.S.D or the Director General, Civil Supplies, the

work of placing order may be done as expeditiously as possible.

(c) The P.H.E. had requested Govt. to lend him two Dy. Engineers well conversant with earthwork and working in the D.I.C; for this job. It is not possible to say if the S.E. D.I.C. could spare the services of two experienced officers under him. The P.H.E. however could utilize the present working season in carrying out initial work of dam foundations.

Vide A on page 89 ante

GMA
12-4-50

PR
12/4/50

28

we should ask on Dhanuk Express to Dharwar to suggest the kind of machinery to be bought for this work. As soon as the list is drawn up, we should ask for dollar release for the same to start work for the machinery in the quickest possible time. I will see about sparing of the officers. What is wanted is a man conversant with the use of machinery. Cannot PHE post the Dy Engineer for undergoing for about 3 months.

A
CE

B

C

GV
12/4

6250/36/2560

Letter

1-15 June

No. 6250/36-N.

P. W. D.,
B. C. (Bombay No. 1),
April 1950.

To

The P. H. E. to Govt.

Sub:- Neersagar water supply scheme.

Ref: Correspondence ending with your letter No. S. W. 3.27/Tender/3313 dt. the 28-3-50.

2. ~~After full consideration~~, Govt. has decided that the Neersagar water supply scheme should now be carried out departmentally with the help of the earth moving machinery ~~executed~~ ~~You are therefore requested to proceed further in the matter.~~

3. Shri. G. G. Dhanak, Ex. Engr., Ganga pur Storage Dn., Nasik is being requested to visit the site of the dam ~~scheme~~ in question and to draw up a list of the machinery to be ordered out for the work.

4. The earnest money of M/s. Precision Construction Co, amounting to Rs. 36,130/- for both the works viz. Earthen Dam & Waste weir should be forfeited to Govt ~~the Contractors informed accordingly~~ as they failed to complete the contract documents after acceptance of tender was communicated to them

5. The Tenders and the Comparative Statements refd. to in para. 7 of the your letter refd. to above are returned herewith Tenders and comparative statements.

by order etc.

copy to

The F.D.

The A.C., Bombay,
The C.E., P.W.D.;
The S.E.D.I.C;
The Ex. Engr. Karnatak Public Health works Div., Dharwar,
The Shri. G. L. Dhanak, Ex. Engr, Ganga Pur Storage Div;-

2) Dr. Shri. Dhanak should arrange to visit the dam site of the Neeradgar water supply scheme as early as possible & help the E.E. in drawing up a list of machinery etc. required for carrying out the work departmentally.

12/4

6250/34/25-260

267

M.B.

Resubmitted with ref. to the CE's note dt. the 12.4.50. p. 264

2. In view of para. 2 of the audit. on p. 266 ante., no action is presumably necessary on 'A' of the CE's note. Action on 'B' p. 264 will be taken in due course. As regards 'C' p. 264, the following para may, if approved be added to the draft as para No. 6.

"6. You are requested to state whether it would be ~~possible~~ feasible to post the suitable Dy. Engineers to Gangapur Dn. for

for undergoing the training in respect of the use of machinery etc. for about 3 months."

X Cont'd 16/4/50.

— Thro. EB(I).

md
18.4.50

Put up a complete draft

18/4

M.B.

Resubmitted with a complete draft for approval.

md
19.4.50

26 | 62.50/36/25260

Letter.

No. 6250/36 M. P.W.D.

B.C. (Bombay No 4)

To 19th April 1950

The S.H.E. to Govt.

Sub:— Neersagar water supply scheme.

Ref: Correspondence ending with your letter No. S.W.3.29/Tender/3323 dt. the 28.3.50. ~~of 21.9~~

2. Govt. has decided that the works viz. Construction of Earthen Dam and its allied works in con. with the Neersagar water supply Scheme should now be carried out departmentally with the help of ~~the~~ earth moving machinery.

3. Shri. G.G. Dhanak, Ex. Engr., Ajangaon storage Dn., Nasik is being requested to visit the dam site in question and to draw up a list of the machinery to be ordered out for the work.

4. You are requested to state whether deputi it would be possible to ~~post the~~ suitable by. Engineers to the Ajangaon Dn. for undergoing the training in

respect of the use of machinery etc. for about 3 months.

5- The earnest money of M/s. Precision Construction Co; amounting to Rs. 36,730/- for both the works viz. Earthen Dam & Wasli Weir should be forfeited to Govt. as they failed to complete the contract documents after acceptance of tender was communicated to them

6 The tenders and the comparative statements refd. to in para. 4 of your letter refd. to above are returned herewith. XX. 1 to.

DA Tenders
Comparative
Statements

Yours obedt.

Copy to - under secy. to Govt.
The F.D.,
The A.G., Bombay,
The C.E., P.W.D.,
The S.E. D.O.C.,
The Ex. Engr, Karnatak Public Health Works Div.,
Shri. G. G. Dhanak,
~~The~~ Ex. Engr, Ganapur Storage Div.

AAI
EXK

2. Shri. Dhanak should arrange to visit the dam site of the Nesargar water supply scheme as early as possible and help the E. E. in drawing up a list of machinery etc. required for carrying out the work departmentally.

Cmd
4.50.

4/50

4/50

Letter.

P.6250/36-M.

Public Works Department,
Bombay Castle (Bombay No.1)
19th April 1950.

The Public Health Engineer to Government.

Subject:- Neersagar Water Supply Scheme.

...

Reference:- Correspondence ending with your letter No.S.W.3.37/tender/3323, dated the 28th March 1950.

2. Government has decided that the works viz. construction of Earthen Dam and its allied works in connection with the Neersagar Water Supply Scheme should now be carried out departmentally with the help of ~~the~~ earth moving machinery.

3. Shri G.G.Dhanak, Executive Engineer, Gangapur Storage Division, Nasik, is being requested to visit the dam site in question and to draw up a list of the machinery to be ordered out for the work.

4. You are requested to state whether it would be possible to ~~post the~~ suitable Deputy Engineers to the Gangapur Division for undergoing ~~the~~ training in respect of the use of machinery etc. for about 3 months.

5. The earnest money of Messrs. Precision Construction Company, amounting to Rs.36,130/- for both the works viz. Earthen Dam and Waste Weir should be forfeited to Government as they failed to complete the contract documents after acceptance of tender was communicated to them.

6. The tenders and the comparative statements referred to in paragraph 7 of your letter referred to above are returned herewith.

By order of the Governor of Bombay,

19/4

Under Secretary to the Government of Bombay,
Public Works Department.

Tenders and comparative statement .

Copy to -

the Finance Department,
the Accountant General, Bombay,
the Chief Engineer, Public Works Department,
the Superintending Engineer, Deccan Irrigation Circle,
the Executive Engineer, Karnatak Public Health Works Division,
Shri G.G.Dhanak, Executive Engineer, Gangapur Storage Division.

2. Shri Dhanak should arrange to visit the dam site of Neersagar Water Supply Scheme as early as possible and help the Executive Engineer in drawing up a list of machinery required for carrying out the work departmentally.

8 VSD 19/4/50

19/4

19/4

Letter.

No.S.181/8/43436-Con. Public Works Department,
Bombay Castle, 10th August 1949.

To
The Public Health Engineer to Government.

Subject: Machinery for the Neersagar Water Supply Scheme: Estimate for the

Reference: Your unofficial reference No.S.W.3-27/TPM/3885, dated the 14th April 1949.

2. The marginally* noted two estimates for Special Tools and Plant and machinery required for the Neersagar Water Supply Scheme are herewith returned duly sanctioned.

1. Machinery and plant required for execution of the scheme.	Rs.10,27,938 (gross).
2. Machinery for workshop for carrying out repairs.	Rs. 98,044 (gross).

3. The above proposal should be included as a new item in your next year's budget proposals and no actual purchase of machinery nor any commitment should be made unless the new item is finally approved. You may, however, start making preliminary arrangements for the purchase of machinery, viz. requesting the Director of Industries and

Stores

Stores Purchasing Officer to call for quotations, etc., so that no time is lost in placing firm orders for the same after the new item is passed by Government.

By order of the Governor of Bombay,

Sd/- K. D. Kotwal,

For Secretary to the Government of Bombay,
Public Works Department.

D.A.- Estimates.

Copy forwarded to -

the Finance Depa[illegible],
the Accountant General, Bombay,

for information.

Recd Forwd in WST 25.3 JJP. 2/7/50

Entered in Receipt Register,